63.9
Australia
1914-1915

CATALOGUE

YATES' RELIABLE SEEDS

·1914·

We Specialise in:

Seeds

of every description.

Cream Separators

The Anker Holth.

Implements

for Farm and Garden.

Manures

Artificial, of the Highest Analysis.

And our Only Address is

ARTHUR YATES & CO., Ltd.

Lower Albert Street, Auckland.

To Our Customers of 1914.

WE have much pleasure in handing you our New Garden Catalogue for 1914. Should you be an old customer of ours, then there is no need for us to emphasise the care we always take to maintain our reputation for "Reliable" Seeds, as you will have already proved it by your own experience. We are legitimate seedsmen of many years' standing—Seeds are our business, and have been through several generations in England and Australia, as well as New Zealand, and our leading position in the Seed Trade has been built up by the constant selection exercised over the varieties we list, the stock seed of many being raised at our own seed farms, including our two in New Zealand and two in New South Wales; and then grown under special contract or obtained from reliable growers, who specialise in particular lines of seed. We thus offer you the opportunity to purchase seeds which will give you satisfactory results, and we promise your order (whether large or small) that careful attention we always endeavour to give to all.

HOW TO ORDER.

THE Seeds, etc., offered in this List can be obtained in almost every town and district in Australia and New Zealand, from or through our local agents, who will supply seeds in sealed packets bearing our name, which are exactly the same as we ourselves retail. For our customers' protection, we date each packet with the current year, and destroy and replace each season the seeds our agents have left in stock. Any varieties they are sold out of, or large quantities of seed by weight, they will procure from us at a few days' notice. If, however, there is any difficulty in obtaining our seeds locally, we will supply direct on receipt of order and accompanying remittance, which should be made in Postal Notes, Money Orders, or small amounts in stamps. Where country cheques are sent, sixpence for exchange should be added. Customers are requested, when ordering, TO INCLUDE, in forwarding instructions, their correct POSTAL ADDRESS.

PRICES.

WE have priced everything where possible, and, in most cases, include cost of postage. The usual price of our Vegetable Seeds is Sixpence a packet, but, for persons with very small gardens, we also put up small Threepenny packets of vegetable seeds, with the exception of Peas and Beans. Under no circumstances, however, can we supply smaller packets of Flower Seeds than those quoted in this Catalogue.

All Packet Seeds, except Peas and Beans, are sent post free.

YATES' RELIABLE SEEDS

IN the following list, the varieties quoted are the best of their various kinds for colonial requirements. We have rejected all inferior sorts; only those that have been tested and proved of standard merit are here offered. We annually try the quality and purity of the various strains in our Trial Grounds.

Our name has become almost a guarantee for good seeds throughout Australasia.

This is due to the infinite care we take in testing the growth and purity of the seeds we offer. Not withstanding these precautions, however, there are so many adverse influences affecting the growth and maturing of seeds and plants that we absolutely refuse to give any warranty or to be in any way responsible for the crop, and will do business only on these terms.

HOW WE EXECUTE ORDERS.

OUR endeavour is to make up and despatch all Postal Orders the day they are received, or if through any reason there is a delay, to acknowledge receipt of the order by letter. Should neither goods nor letter be forthcoming within a reasonable time from posting the order, then Customers may feel sure they have omitted either name or address, and should communicate again with us, giving particulars of order not received.

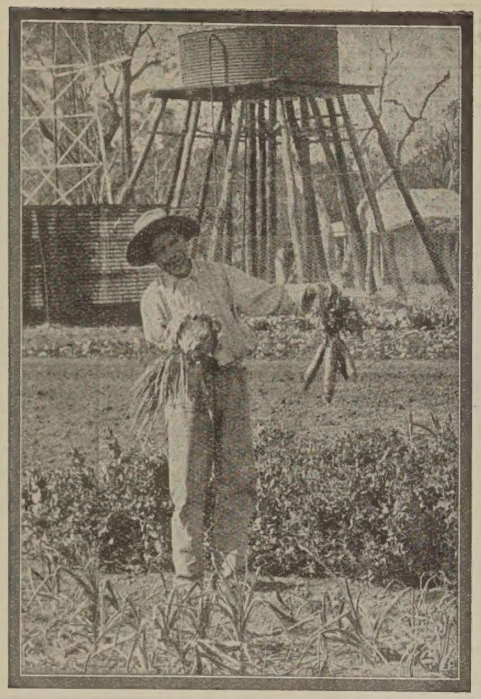
YATES' GARDENING GUIDE.

WE shall be glad to send this book on Gardening on receipt of Threepence in stamps to defray the cost of postage, etc. The popularity and usefulness of this Guide to Amateurs is proved by the enormous demand for it, and it is undoubtedly one of the handiest and most suitable books on gardening for beginners. There are a large number of publications on gardening, but they are nearly all written to suit English or American conditions, and, moreover, are often too technical for amateurs. We have aimed to give practical information in as plain language and as briefly as possible. A knowledge of local conditions, and the information given in our Guide, should enable any person to become a successful horticulturist.

The following Catalogues and Publications are published annually:

In February	*BULB and SWEET PEA CATALOGUE*
In February	*GRASS SEED and MANURE CATALOGUE*
In May	*FRUIT and ORNAMENTAL TREE LIST*
In May	*ILLUSTRATED SEED ANNUAL*
In July	*POTATO and FODDER LIST*
In July	*IMPLEMENT and PUMP CATALOGUE*
In September	*FORAGE and GRAIN LIST.*

We will also send customers applying and enclosing threepence in stamps to cover cost of postage,
"YATES' GARDENING GUIDE," and
"HOW TO GROW ONIONS FOR MARKET,"
two little books which have proved of great service to users of our seeds, and for which we have a very large demand.



Yates' Reliable Seeds are used all over Australia and always give satisfaction.

YATES' COLLECTIONS

of Vegetable Seeds

FOR ONE YEAR'S SUPPLY.

THESE are specially suitable for persons who live in the more out-of-the-way districts, where the means of communication are not good. hen ordered for the South Sea Islands, they will be supplied in air-tight tin cases with movable lids, so that, while the seeds may be taken out for use when required, they will still be kept as free as possible from the action of the air, and their germinating powers will be preserved. These Collections are never kept in stock by our agents, but can always be procured through them at a few days' notice, or we will supply them direct, post free, on receipt of remittance. Lists are here given of the seeds usually supplied in these Collections; these assortments are suitable for most districts, but will be slightly altered to suit the cold and also tropical climates. With these assortments we include copies of our **GARDENING GUIDE**, and also the pamphlet, **HOW TO GROW ONIONS.**

Use

Yates' Garden Manure—For Ordinary Garden Use.
Yates' Plant Food—A Concentrated Manure for Special Purposes.
Yates' Lawn Manure—To Ensure a Good Sward (see page 73).
Yates' Sweet Pea Manure—For Producing Best Exhibition Blooms.

FOR 20/-

We can supply the following Collection, post free to any address. It contains enough garden seeds to plant a moderate sized garden.

	Packets		Packets
Beans, French or Kidney	3	Onions, sorts	2
Beans, Broad Windsor	1	Parsley, Triple Curled ..	1
Beet, Blood Red, and Turnip	2	Peas, Early and Late ..	3
Cabbage, Early and Late	2	Pumpkin, sorts ..	2
Carrots, sorts	2	Parsnip, Hollow Crown	1
Cauliflower, Early and Late	2	Radish, Long and Turnip	2
Celery, White	1	Spinach	1
Corn or Table Maize ..	1	Squash	1
Cress, Curled	1	Turnip, sorts	2
Cucumber	1	Tomato, Red and Yellow	2
Lettuce, sorts	2	Vegetable Marrow, Long Cream	1
Leek	1	Herbs, assorted (small)	3
Melons, Water and Rock	2	Choice Flower Seeds ..	12
Mustard	1		

FOR 10/-

We can supply a Collection containing smaller packets (excepting Peas and Beans) which will be found sufficient for a small cottage garden.

	Packets		Packets
Beans, Broad	1	Peas	2
Beans, French	1	Pumpkin	1
Beet, Round and Long ..	2	Parsnip	1
Cabbage, Early and Late	2	Radish	1
Carrot	2	Rock Melon	1
Cauliflower	1	Turnip, Swede	1
Cucumber	1	Turnip, White	1
Herbs	3	Tomato	1
Lettuce	2	Vegetable Marrow ..	1
Onion	2	Water Melon	1
parsley	1	Flower Seeds	12

Artichoke, Globe.

3d. and 6d. per packet.

CULTIVATION.—Sow the seed in nursery beds, and transplant the following season into well manured land, three feet apart. A vegetable much esteemed on the Continent.

Artichoke, Jerusalem

Tubers, 3d. per lb., 12s. 6d. per cwt.
Postage or freight extra.

CULTIVATION. — Entirely distinct from the preceding. They are very similar to potatoes, and should be cultivated in the same manner. They are grown from tubers, which should be planted in the early spring, in rows twenty inches apart and nine inches between the tubers. They are extremely hardy, and will yield enormous crops with very little attention. When ripe they should be stored in dry sand; they will not keep if exposed to the air. This plant may be profitably grown for feeding pigs, in which case the pigs would root them up and save the cost of digging.

We offer the Large White, which is much the heaviest cropper. Tubers available during July and August only.

Asparagus.

3d. and 6d. per packet, 9d. per oz., 2s. 6d. per ¼-lb., post free.

CULTIVATION.—Sow in spring in nursery beds, and when the plants are large enough, say in the following winter, transplant into richly prepared beds. These should be made by trenching the ground two feet deep, and by richly manuring the land deeply with stable manure, bonedust, and kainit. Plant in rows, fifteen inches apart, good, strong, one or two year old plants; we prefer these to three year old. Keep weeded, and in the winter time mulch heavily with well rotted stable manure and a scattering of kainit or salt. Care should be used not to weaken the young bed by cutting till the plants are vigorous and well established, which should be in two years after planting. Only cut the strong and vigorous shoots, and these sparingly to begin with. An Asparagus bed properly made and regularly attended to should last for very many years.

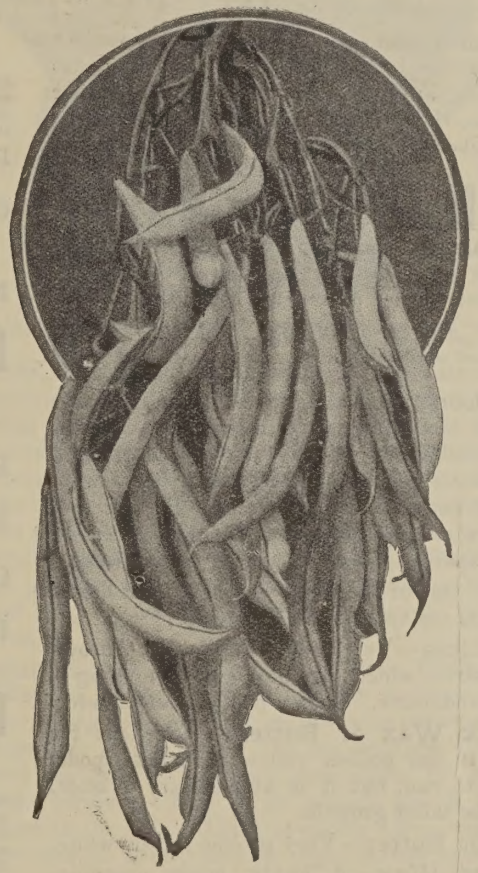
Connover's Colossal—The best sort.

In the winter and early spring we can supply one to three year old roots. Price, 5s. 6d. to 10s. per 100, freight extra.

WILLIAM JAMES MILNE, Lawrence, Otago.
March 17th, 1914.
"I have used your seeds this season, and find them very satisfactory."

ROBERT ARBUCKLE, Bulls, Rangitikei.
30th March, 1914.
"I prefer your seeds to any others I have ever tried."

BEANS.



YATES' EVER-BEARING
STRINGLESS RUNNER BEANS.

We advise Growers to try . . .
YATES' EVER-BEARING STRINGLESS RUNNER BEAN.

Runner or Pole.

6d. per packet, or, post free, 9d. per packet.

CULTIVATION.—Sow in the late spring and early summer, in rows four to six feet apart. When two or three inches above the surface, stakes eight feet high should be provided for them, though they may be kept dwarf by pinching off the ends of the shoots, when they form bushes, which yield large crops. They will not stand frost. A packet will sow twenty to thirty feet.

Yates' Ever-Bearing Stringless Runner Bean — Stands hot climates well, perhaps better than any other Runner Bean. The pods are thick, fleshy, and stringless, grow in clusters, and are tender and good flavored. A remarkably heavy cropper. If they are regularly gathered, they will continue to bear all through the summer. They can be used while they are quite young, and do not get stringy as quickly as other sorts.

Epicure — This is identical with Yates' Ever-Bearing Stringless.

Kentucky Wonder — Somewhat similar to Yates' Ever-Bearing Stringless, but the pods are more flat and less fleshy. A luxuriant grower and a very heavy bearer. 6d. per packet.

Zebra Runners—Favorite sort for warm tricts. 2s. per quart, or, post free, 2s. 6d.

Scarlet Runners—These thrive in cold, damp climates. In addition to being an excellent vegetable, they are extremely ornamental for covering unsightly fences. They are perennial in warm districts. 2s. per quart, or, post free, 2s. 6d.

White Dutch — Very long pods; excellent. One of the best Running Beans for general requirements. 2s. per quart, or, post free, 2s. 6d.

Snake, or Asparagus Bean—Bears large crop of long, narrow, stringless Beans two feet long and with a delicate asparagus flavor. Only suitable for warm climates. 6d. per packet or, post free, 9d. per packet or 2s. per ¼-lb.

BUTTER BEAN: FLAGEOLET WAX.

BEANS.

Lima.

6d. packet, 2s. per quart; or, post free, 9d. packet, 2s. 6d. quart.

CULTIVATION.—These are largely grown in the United States, where they are considered to be the most delicious and buttery beans grown. They are rather tender, and not suitable for cold districts. In cooking the beans, they should be shelled and cooked like Broad Beans, or they may be used as dry Haricots when ripe. Plant in the late spring, and treat as other beans.

Tall Lima—These are the large sort and require tall stakes. One of the best beans grown.

Henderson's Dwarf or Bush Lima—New dwarf variety. The beans are small, but are extremely heavy croppers and require no sticks.

Burpee's Bush Lima—The seeds of this variety approximate in size to the Tall Lima, but it does not require sticking, and although the plants are rather inclined to run, they may be kept dwarf by pinching off the taller shoots.

Dwarf Butter or Wax.

STRINGLESS AND GOLDEN PODDED.

6d. per packet, 2s. per quart; or, post free, 9d. per packet, 2/6 per quart.

CULTIVATION.—Treat just the same as the ordinary Dwarf French Beans, to which they are very similar, excepting that the pods are white or golden yellow instead of green, and as they are stringless they may be cooked whole. They are largely grown in the United States.

The Hodson Long Pod Wax—A new and remarkably vigorous race of Wax Beans. They are most wonderfully productive, and the pods are of unusual size; they are claimed to outyield any other Dwarf Bean, and are not subject to rust or other disease. The plants are so large that they should be thinned to six inches apart. They are a main crop variety.

Golden Wax—One of the best; very early and heavy cropper. Pods are deep yellow and large.

Keeney's Rustless—Very prolific and hardy. Throws out short tendrils, which also bear a crop, making it exceedingly productive. Golden podded, very tender.

German Black Wax or Butter—Excellent for main crop; it has golden yellow stringless pods. It is inclined to run, but it is unnecessary to stick. Pinch back the taller growths.

White Wax or Butter—Very prolific; pods white.

Brown Seeded Wax—A hardy, heavy cropping, golden podded variety. It has been proved to be particularly suitable for our climate.

Flageolet Wax—In our tests of nearly twenty varieties, these proved to be very heavy croppers. It is not so suitable as the others for cool climates.

Startler Wax—Very prolific.

Dwarf French or Kidney

6d. per packet, 2s. per quart; or, post free, 9d. per packet, 2/6 per quart.

CULTIVATION.—French Beans will crop freely in any good garden soil, but should have an open sunny situation. Plant in rows two feet apart, and three or four inches between the plants. Sow in spring, when danger from frost is over; afterwards every fortnight till the middle of summer. They will not stand frost. A packet will sow twenty feet.

Pale Dun—Good and early. A very good variety for first planting; tender and good flavored.

Canadian Wonder—Excellent cropper. The beans are almost twice the size of the other sorts. As a "general purpose" bean it cannot be beaten.

Negro—Productive and excellent; long pods.

Dwarf Stringless French

6d. per packet, 2s. per quart; or, post free, 9d. per packet, 2/6 per quart.

CULTIVATION.—Treat the same as for Dwarf French or Kidney.

Extra Early Refugee—The best early in this section. Very fleshy, tender, and well flavored.

Main Crop Refugee—Later and a heavier cropper. Much more fleshy, and when young almost stringless.

Giant Stringless Green Pod—Early and prolific, and as stringless as the Wax Beans.

Dwarf Stringless Green Pod—Extremely early, very heavy cropper, finest quality.

Broad or Windsor

6d. per packet, 1s. per quart; or, post paid, 11d. per pkt., 1s. 6d. per quart.

CULTIVATION.—These Beans thrive best in strong tenacious soil, but they will succeed almost anywhere. If they do not crop in certain soils, lime is usually absent; this necessary ingredient should then be applied, air slaked. They will also be benefited by phosphate and potash manures. They are usually grown in single rows a yard apart, four inches between plants. If, when they begin to pod, the leading shoot is pinched off, it will afford more light and air, and not only induce greater earliness, but a larger crop. Sow at intervals for succession any time during autumn, winter, and spring. A packet will sow twenty feet.

Early Long Pod—The best long sort; earliest.

Broad Windsor—Large and excellent.

Yates' Dreadnought—It has longer and larger pods than any other variety, and produces the heaviest crop of all. 1s. per packet, or, post free, 1s. 4d.

RELIABLE VEGETABLE SEEDS

1914

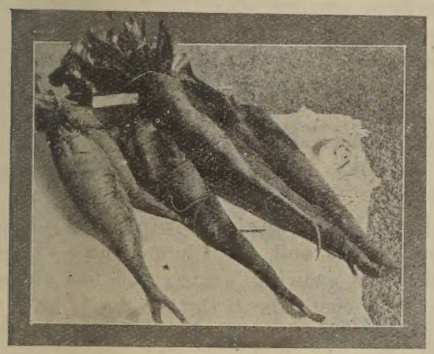
Beetroot.

3d. and 6d. per packet,
2s. per ¼-lb.,
5s. 6d. per lb., post free.

CULTIVATION.—Deep, rich, dry land, which has been well manured for a preceding crop, is the best suited for Beet, though it will succeed in most soils. Sow in spring, in rows nine inches apart, and afterwards thin out to four or five between the plants. In digging up the roots, care should be taken not to bruise them, as the color boils out if the skin is broken. In warm climates they may also be grown in the autumn. They can be stored through the winter in dry sand. A 6d. packet will sow a drill of twenty five feet.

Egyptian Turnip-Rooted — A very early variety, and much the best for climates where the growing season is short or for early use.

Yates' Crimson Globe—Later than Egyptian Turnip-Rooted, but a better shape and a more desirable variety. Smooth skin, small tap root, good color and flavor.



BEET: YATES' EXCELSIOR BLOOD RED.

Yates' Excelsior Blood Red—A very select strain, grown by ourselves at our New Zealand Seed Farm. It grows to a fair size, of perfect shape, and is deep crimson in color. We consider this the perfection of Beets.

Blood Red—Good for main crop; deep color and good flavor.

Dell's Crimson—A small, dark foliaged variety, with long roots; of excellent quality.

BROCCOLI: VEITCH'S SELF-PROTECTING.

Silver, Spinach, or Seakale Beet—This is grown for the leaves, which make an excellent dish cooked like Spinach, or the midribs of the leaves boiled and served with melted butter, making an excellent substitute for Seakale. As this plant thrives in the hottest summer, we would strongly recommend its use to Australian gardeners, who have so much difficulty in growing any green vegetables during the hot season. 1s. 6d. per ¼-lb., 4s. per lb., post free.

Sugar Beet — Excellent for cattle feeding. They are more nutritious but not so large as the Mangolds, thus they may be planted closer together. They stand the dry weather well, and are worthy of more cultivation by our dairy farmers. Four to six pounds should be sown to the acre. Plant in spring when frosts are over, in rows; thin to eight inches apart. 6d. per packet, 9d. per ¼-lb., 2s. 6d. per lb., post paid.

YATES' EXCELSIOR BEET
is the best for Main Crop.

Broccoli.

3d. and 6d. per packet,
1s. 6d. per oz.,
5s. per ¼-lb., post free.

CULTIVATION.—Sow late in spring and early summer. Treat the same as Cauliflower, which it greatly resembles, except that it is later and hardier, and more suitable for winter flowering in cold climates. They will head in during the following winter and spring. A packet will produce 200 plants.

Early White—Best early.

Late White—For succession.

Veitch's Self-Protecting — A valuable early sort. Pure white heads; the best. 2s. per oz., 7s. per ¼-lb., post free.

We can also supply:

Walcheren, Adam's Early White, Elletson's Mammoth, Penzance, etc.

Borecole. (SCOTCH KALE or CURLY GREENS).

3d. and 6d. per packet, 1s. per oz.,
3s. per ¼-lb., post free.

CULTIVATION.—Kale for table use can only be grown to perfection in cool climates, where the winters are sharp and frosty. Sow late in spring and early in summer for winter use, and afterwards plant out in rows, two feet apart and two feet between the plants.

Green Curled — Beautifully curled. The best for table use.

Brussels Sprouts.

3d. and 6d. per packet, - 1s. per oz.,
3s. per ¼-lb., post free.

CULTIVATION.—Sow late in spring and summer in seed beds, and afterwards plant into rows two feet apart and eighteen inches between the plants. The Sprouts will be ready the following winter.

Brussels Sprouts.

"My beds of Canadian Wonder Beans, grown from your seed, are, without doubt, the finest in the district; and from one packet of Cucumber seed we have cropped many hundreds of nice crisp ones and they are still bearing very heavily."

"I have been using your seeds now for about ten or twelve years. Having tried a good many other seeds, I cannot get as good returns from them as I can from yours."

CABBAGE.

CULTIVATION.—Cabbage does best on a deeply trenched and highly manured soil. The richer the land the more early and abundant the crop, and being grown quickly, they will be more tender and better flavored. They may be sown all the year round; the early varieties in the summer, autumn and early spring, and the later varieties in the late spring months. Sow in seed beds, and, when large enough, plant out in rows eighteen inches apart, and eighteen inches between the plants. The Drumhead varieties will require a little more room than this. Savoy, for winter use, should be sown in the late spring or summer; this cabbage is greatly improved for eating by frosty weather. The best cabbages to resist the aphis and stand the hot dry summer of Australia are the Small Early and Improved St. John's Day, Yates' Drumhead, and Succession varieties; also Yates' Aphis Proof, although this does not heart well. The Chinese combat the aphis by watering the plants in the morning with a solution made from tobacco stems. A packet will raise five hundred plants.

Cabbage Fly and Caterpillar.

THESE are extremely troublesome pests, especially in our warmer climates, and are very difficult to combat. The larger market growers use tobacco dust and lime dusted on the plants when in the young stage. When planted out and commencing to heart in, they sprinkle them freely with air-slaked lime on the foliage, and also the surrounding ground. They also spray them with tobacco water or kerosene emulsion.

Cabbages Running to Seed.

THIS troublesome and annoying tendency of some varieties to run to seed directly the spring sets in is often mentioned by our customers. We find in our tests at Exeter that Yates' First Early, Sugarloaf, Henderson's Succession, and Yates' Early Drumhead, sown in early autumn, stand better than most varieties. A sowing of any of the First Early varieties we catalogue should be made in early spring, and they will follow the above. For hot districts the Small Early St. John's Day being the most suitable.

Cut Worms.

THESE destructive caterpillars hide below the surface during the day, coming out at night and eating the young cabbages or other plants off at the neck. They may be poisoned by a mixture of Paris Green and Pollard made into a paste and scattered about the plants, or they will come to the surface if the ground is watered with very weak mustard and water. This is best applied when the ground is already damp.

CABBAGE: EARLY YORK.

CABBAGE:
YATES' FIRST EARLY.

CABBAGE: ST. JOHN'S DAY,
YATES' SELECT IMPROVED.

Extra Early Varieties.

3d. and 6d. per packet, - 9d. per oz., - 2s. 6d. per ¼-lb., - 8s. 6d. per lb., post free, except where otherwise specified.

Early York—Very early, excellent for table.

Yates' First Early—Not large, but the earliest of all, and one of the best for table use; tender and good flavored, the best early sort for the cool season of the year. 3s. per ¼-lb., 10s. 6d. per lb., post free.

Sugarloaf—A favorite sort, early and good. A very suitable variety for private use, being very tender and good flavored.

St. John's Day, Small Early—Quite distinct from the large St. John's Day. One of the earliest cabbages grown, small and firm hearting, and one of the best for hot tropical climates. It does exceedingly well in North Queensland; it matures in three months.

CABBAGE: ST. JOHN'S DAY, SMALL EARLY.

St. John's Day, Yates' Select Improved—Large, perhaps one of the best for summer use. Highly recommended for growing during the hot summer season, as it withstands both the heat and the cabbage aphis. The leaves are more brittle than Yates' Early Drumhead, therefore does not carry so well; it matures in four months.

W. J. COCKMAN, Wanneroo, W.A.
15th May, 1913.
"I have some of your Early Drumhead Cabbage growing (6,000). I have pleasure in saying they are a real good Cabbage."

C. A. EVERSON, Mallanganee, N.S.W.
18th June, 1913.
"Your Early Drumhead Cabbage is indeed an excellent variety, and is all what you claim it to be."

YATES' EARLY DRUMHEAD
is the best Market Cabbage grown

"Marking off" comparative trials of Cauliflower at our Exeter Trial Ground.

7th January, 1913.

Mr. URIAH LEVER, Uki.

"I am forwarding you a photograph of a large cabbage grown on my farm from your seeds. The weight was thirty-two pounds. It was grown on sandy soil, with no manure or water, and it was a dry season."

CABBAGE.

Main Crop Varieties.

8d. and 6d. per packet, 9d. per oz., 2s. 6d. per ¼-lb., 8s. 6d. per lb., post free, except where otherwise specified.

YATES' EARLY DRUMHEAD, The Best Market Variety.

This is our great Speciality for Market Gardeners. It is similar to Henderson's Succession, but a week or so later, and in our trials a hardier and more generally useful cabbage. There is no better variety for standing the New Zealand summer; in fact, it will keep growing when all others fail; the aphis does not touch it to any extent. The cabbages are solid and heavy, and will travel to market any reasonable distance without damaging. We consider this the finest market cabbage grown; in good seasons it matures in four months. We post this seed to market gardeners all over Australasia, and receive excellent accounts of it from every district. 1s. per oz., 3s. 6d. per ¼-lb., 12s. 6d. per lb., post free.

Henderson's Succession (American Grown Seed)—Very similar to Yates' Early Drumhead. It is a splendid variety for growing for market, as it stands the New Zealand summer and carries well. It matures in about fifteen weeks in a good season, and hearts in regularly. We offer the true stock, grown by Peter Henderson, of New York, the introducer. 2s. per oz., 6s. per ¼-lb. Price per pound on application.

Henderson's Succession (European Grown Seed)—1s. 6d. per oz., 4s. 6d. per ¼-lb., 15s. per lb., post free.

Leeds Market—A splendid firm hearting variety which can be best described as an improved Enfield Market. For a medium early marketing variety we can recommend Leeds Market with the utmost confidence, it producing an even crop of very solid hearts. Should prove a favourite sort for growing for marketing in the early spring. 1s. oz., 3s. ¼-lb., 10s. 6d. lb.

Dr. T. A. NOLAN, Kohu Kohu, Hokianga. 23rd February, 1914.

"I consider myself lucky to have hit on your Iron Bark Marrow Green. It is a perfect marrow, and when ripened it is the equal both for keeping and table qualities of any pumpkin I know of. Also I am highly pleased with your 'Crimson Globe Beet.'"

YATES' EARLY DRUMHEAD.
Grown by Mr. CAMPBELL, Terara.

19th June, 1913.

Mr. A. B. CAMPBELL, Terara.

"I enclose a photo of a cabbage grown from your seed. It is 'Yates' Early Drumhead,' They turned out a splendid lot of heads. Other market gardeners said they were the best they had ever seen, and they had absolutely no manure."

CABBAGE:
YATES' EARLY DRUMHEAD.

CABBAGE.

Main Crop Varieties (continued).

Burpee's Allhead—An excellent medium early cabbage, with very solid deep flat hearts. The heads are very compact and free from spreading leaves, and are remarkably uniform in color, form, and size. 2s. per oz., 5s. per ¼-lb., 16s. per lb., post free.

Burpee's Surehead—This variety is noted for the certain and even way in which it heads in. It produces large, round, flattened heads, which are extremely hard, fine in texture, and sweet flavored. It has very few loose leaves and keeps well. 2s. per oz., 5s. per ¼-lb., 16s. per lb., post free.

Yates' Manchester Defiance — The largest medium early, highly recommended; later than the First Early. 1s. per oz., 3s. per ¼-lb., 10s. 6d. per lb., post free.

Enfield Market — Early and good, tender, excellent for autumn planting.

CABBAGE: YATES' APHIS PROOF.

This variety does not always heart, often producing only loose leaves, which, however, make a good vegetable.

CABBAGE: ENFIELD MARKET.

London Market—Excellent large early variety.

Yates' Aphis Proof—An excellent variety for planting in the hot season, in localities where the aphis is so troublesome. In our trials, this sort keeps quite free from this pest, but it does not always give compact hearts as other varieties, often only loose leaves being produced, which, however, make an excellent vegetable. After the heads are cut, they throw out a number of side shoots, which, when boiled as greens, are extremely tender and good flavored. We strongly recommend this variety for summer use, especially in warm districts. 1s. 6d. per oz., 4s. per ¼-lb., 15s. per lb., post free.

Chinese Cabbage (Pe-tsai)—A loose-leaved variety. The leaves make an excellent vegetable boiled like spinach. 1s. per oz.

OUR CABBAGE SEEDS ARE OF TESTED GROWTH.

Late Varieties.

Yates' Mammoth Late Drumhead—Short stemmed, compact, and heads in much more evenly and into finer hearts than most of the late varieties. It is a month or six weeks later than our Early Drumhead. 1s. per oz., 3s. per ¼-lb., 10s. 6d. per lb., post free.

Drumhead, Gibson's Select—Late, good for winter use; large and compact market sorts.

Schweinfurt Drumhead—Late, coarser than Gibson's and not so good; stands the summer well.

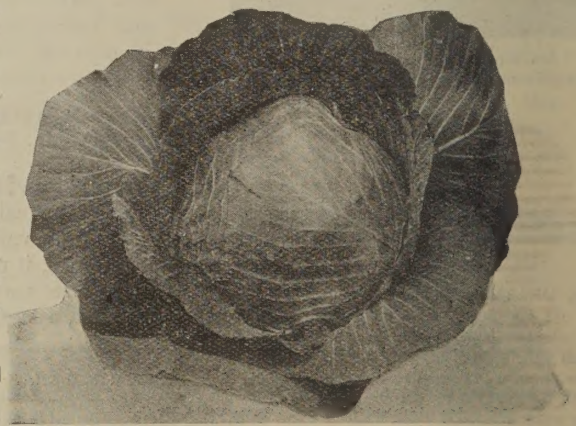
Prize Red—For pickling.

Savoy Drumhead—For winter use.

Dwarf Curled Savoy—Smaller than above and more curled.

The following can also be supplied at market rates:

West Ham. East Ham. Winningstadt. Improved Surehead. Large York. Nonpareil. Marblehead. Flat Dutch. Robinson's Ox.



CABBAGE: YATES' MAMMOTH LATE DRUMHEAD.

CARROT: YATES' SELECTED INTERMEDIATE.

Carrot.

3d. and 6d. per packet, 1/9 per ¼-lb., 5s. per lb., post paid.

CULTIVATION.—Land heavily manured the preceding season for a green crop, or old rest soil which has been deeply trenched, is most suitable for growing this crop. Sow in spring and early summer, and in warm districts again in early autumn. Plant in rows nine inches apart, and when large enough thin to three or four inches between the plants. The short varieties are the best for shallow soils. A packet will sow six square yards or fifty feet in drill. For farm use sow four to five pounds per acre.

Early Horn—Short; the best early. In shallow ground this is the best variety to plant, even for main crop. In some districts they are largely grown for horse feeding, as, being so shallow, they are easily pulled, and do not require digging.

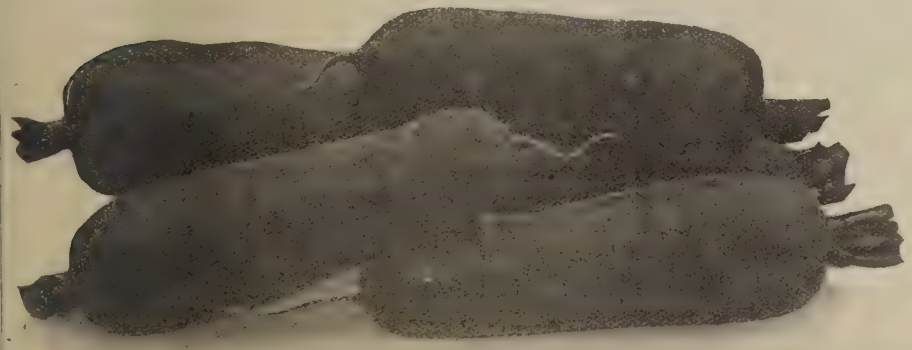
Yates' Selected Intermediate—Good for general use. More largely grown than any other, and, for moderately deep soils, is the best variety for general use, yielding very large crops.

Manchester Table—Half long, good, very early, and suitable for warm climates. A splendid variety, hardly so large as Intermediate, but a finer Carrot for table use. We consider it the best for private gardens; there is no sweeter or better flavored Carrot grown.

Oxheart—A short, thick-set, red carrot, which matures quickly and is greatly favoured for late sowing by many market gardeners.

Altrincham—Extra long, deep scarlet; suitable for deep soils.

White Belgian, Yates' Selected—An improved strain, grown on our own Farm; they grow halfway out of the ground, and can be hand-pulled without digging. Per ¼lb., 1/6; per lb., 4/-.



CARROT: MANCHESTER TABLE.

CARROT: EARLY HORN.

Improved Orange Giant—An excellent field variety, giving heavier weight per acre than any other sort. ¼lb., 1/6; 4/- lb.

Barriball—An orange-red field variety, growing well out of the ground, the roots being of good shape and splendid quality. Per ¼lb., 1/6; per lb., 4/-.

Cape Gooseberry

3d. and 6d. per packet.

CULTIVATION.—Sow in Spring, when danger from frost is over, and when large enough, plant out two or three feet apart in any ordinary garden soil; when once established they will last for years. This fruit is most excellent for preserves and pies, and, considering how easily it is grown, it is strange they are not in more general use. This deserves to be more widely planted.

Capsicum or Pepper

3d. and 6d. per packet, 2s. per oz., post free.

CULTIVATION.—Sow in seed bed in late spring and transplant when large enough. They should be planted three feet apart; they are most easily grown. The fruit are largely used for flavouring pickles, soups and stews, the larger sorts being mild and sweet; they also make very ornamental plants.

Celestial—Very pretty ornamental variety. It bears at the same time fruit of all colours, from creamy white to scarlet; the fruit can be used for pickles or condiments as the other varieties.

Bird's Eye Chili—This is the small, intensely hot variety, largely used in manufacturing cayenne pepper and for the hotter pickles. 5/- per oz.

Fine Mixed—The leading sorts.

The following sorts can also be supplied separately :—

Large Red. Large Cherry. Large Bell. Long Yellow. Large Red Chili.

Cress

3d. and 6d. per packet.

CULTIVATION.—Curled Cress may be grown throughout the year. For succession it may be sown every ten days. If Cress is to be used with Mustard, it should be planted a week before the latter. Sow thinly in rows; cut when two inches high.

Curled—9d. per ¼lb., 2/- per lb., post paid.

Water Cress—Sow in moist places. 2/- per oz., post free.

CAULIFLOWER.

3d. and 6d. per packet.

CULTIVATION.—The main thing in growing good Cauliflowers is to rush them on quickly, and never allow them to be checked in their growth; in dry weather they should be copiously watered, especially if just planted out. The soil should be deeply trenched and well dressed with stable manure, and occasional dressings of liquid manure during the growing season will materially increase the crop. Sow in seed beds, and when large enough transplant in rows two feet apart and eighteen inches between the plants. Hill up between the rows, and keep the ground well cultivated. They may be sown the whole year round in temperate, moist climates, the early varieties in the autumn and winter, and the Autumn Giant in the late spring and summer; but in warm, dry districts, late summer and autumn are the best seasons to sow, as they will not come to perfection in hot weather. The later varieties are very much the hardiest, and will often make good heads, under circumstances which would cause the early varieties to "button." The early sorts mature in three to four months, the later ones five to eight months. In very cold districts, Broccoli should be planted for winter use. Cauliflowers are usually planted to follow early Potatoes. A packet will grow 150 to 200 plants.

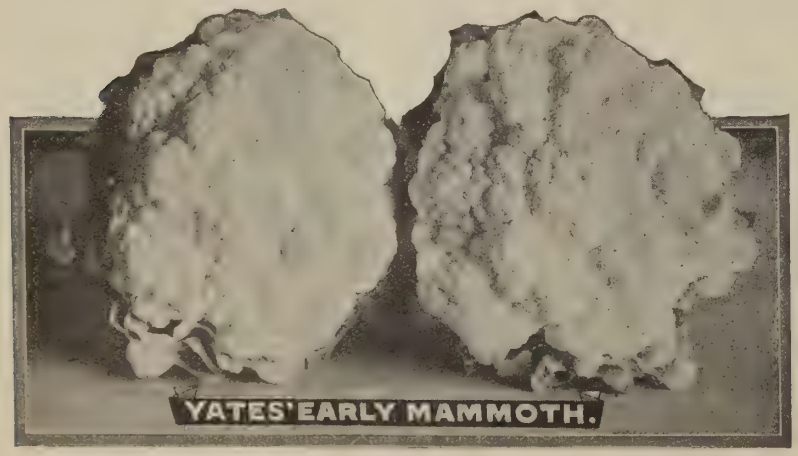
Yates' Earliest of All—One of the best early varieties ever introduced. They grow to a moderate size and mature very quickly, coming in a few weeks before Early London. 3s. 6d. per oz.

Yates' Early Mammoth—Large and very early variety, coming into use a few days after above. 3s. 6d. per oz., 12s. per ¼-lb., post paid.

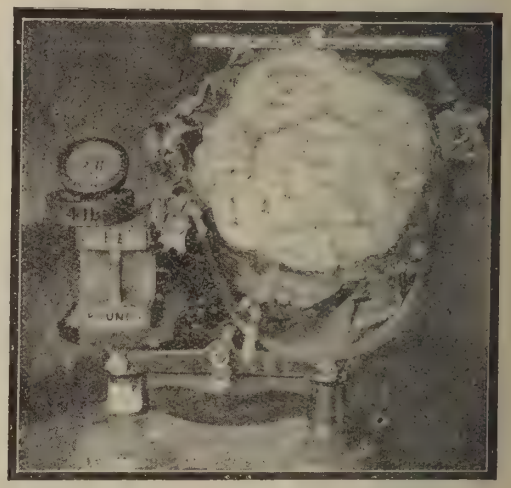
Early London—Early, medium size, very old and esteemed standard variety. 1s. 6d. per oz., 4s. 6d. per ¼-lb., post paid.

Walcheren—Excellent variety, medium late, and sure header. 1s. 6d. per oz., 4s. 6d. per ¼-lb., post paid.

Large Asiatic—Good for main crop. 1s. 6d. per oz., 4s. 6d. per ¼-lb., post paid.



CAULIFLOWER:
YATES'
LATE METROPOLE.
Weight, **20** pounds.



Mediterranean Varieties.

WE recommend this class as being the most suitable for New Zealand conditions, after testing them at our Exeter Trial Grounds. They are all extremely hardy, and the vigorous habit of growth is a greater protection to the flower than in the preceding varieties. For succession, we would recommend a sowing of each in December and January.

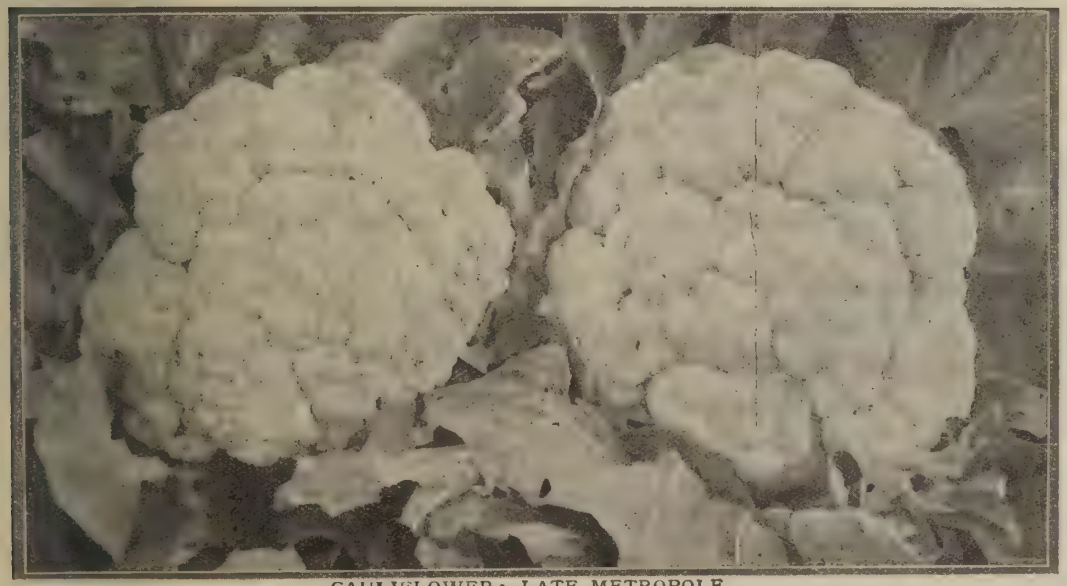
Early Short Stemmed Eclipse—An excellent early variety, coming in three to four months after sowing. It is a very large Cauliflower, and we strongly recommend it for early use, especially for marketing, to be followed by the later varieties. 3s. 6d. per oz., 12s. per ¼-lb., post paid.

Early Italian Giant—One of the earliest of this type. The flowers are large, white, and firm, heading in about five months after sowing. 2s. per oz., 6s. per ¼-lb., post paid.

Veitch's Autumn Giant, Yates' Selected—One of the best late sorts, coming in six months from sowing; excellent. This variety is very hardy, and will make large heads in seasons when all the earlier sorts fail. Decidedly the best for main crop; heads large and white. 2s. per oz., 6s. per ¼-lb., post paid.

Late Algiers Giant—A fine late variety, in our trials coming in about seven months from sowing. The heads are large, white, firm, and good flavored. 2s. per oz., 6s. per ¼-lb., post paid.

Cauliflower - Mediterranean Varieties (continued).



CAULIFLOWER: LATE METROPOLE.

Late Italian Giant—A self-protecting variety, ready seven months after sowing. One of the hardiest and best for succession, heads white and close. 2s. per oz., 6s. per ¼-lb., post paid.

Giant Late Malta—At our Exeter Trial Grounds this proved one of the latest and best of this class. It comes in seven or eight months after sowing, and carries beautiful large snowy heads, which are well protected by the foliage which folds in closely. It is very hardy, and should prove a valuable market variety. 3s. 6d. per oz., 12s. per ¼-lb., post paid.

Late Metropole—The latest of the Italian Giant Cauliflowers; very vigorous and hardy. The heads are large, beautifully white, solid and tender, and perfectly protected by the closely folding inner leaves. The heads often attain a weight of twenty pounds, and, when well grown, should average eighteen pounds without foliage. In our trials at Exeter we grew them up to thirty pounds in weight. Although they attain such size, they do not, as might be expected, become coarse, but cook beautifully tender and well preserve their fine flavor. We strongly advise all gardeners to give this variety a trial, and we would like to hear their opinion of this Cauliflower. Ready for cutting eight months after sowing. 3s. 6d. per oz., 12s. per ¼-lb., 40s. per lb., post paid.

ALL GARDENERS SHOULD TRY OUR LATE METROPOLE CAULIFLOWER.

CELERY.

3d. and 6d. per packet, 1s. per oz., 3s. per ¼-lb., post free.

CULTIVATION.—Sow early in the spring on a good rich nursery bed, or, better still, in a cool frame, and when the plants are large enough to handle, prick out a few inches apart into boxes. Trenches, four feet apart and eighteen inches deep, must be prepared by digging in a large quantity of manure. When the plants are three to four inches high, put out in showery weather, supplying water if required till the plants are established; the great art in raising this vegetable is to keep them continually growing; they should be well watered in dry weather. When earthing up to blanch the stems, be careful that the soil does not get up into the heart of the plant; a good method is to tie them tightly together with a soft piece of matting; the earthing up can be made with greater ease and without injury to the plant.

Late Hardy Winter.

Solid White—Excellent late variety. The best of the English large white stemmed varieties.

Celeriac, or Turnip-Rooted Celery—The roots are used either for salads or soups.

Soup Celery—Largely used for flavoring soups, or made into tea as a remedy for rheumatism, 2s. 0d. per lb., or, post free, 2s. 6d. per lb.

Early Self-Blanching.

FOR SUMMER AND AUTUMN USE.

THE following are the best of the **American Early Celeries,** and are particularly suitable for our New Zealand climate, as they mature at least three months earlier than the old sorts, and require very little earthing up, the stems being naturally blanched and very tender. Sown in the early spring, they are ready for use during the summer and early autumn. They are not hardy enough to stand through the winter, and for late use the Solid White or Manchester Red should be planted. By using the early and late sorts, Celery can be had for seven months in the year. We recommend that these varieties should be planted in double rows nine inches apart, and the same from plant to plant, as they are naturally dwarf (say nine inches high), and in shallower trenches than the late varieties; if the earth is drawn round them it is all they require.

White Plume—Splendid, tender, self-blanching variety. 1s. 6d. per oz.

Golden Self-Blanching (gilt-edged)—Rather later than the preceding; of a rich golden colour, distinctly edged. 4s. per oz.

CUCUMBER.

*****

3d. and 6d. per packet.
The prices quoted include postage.

CULTIVATION.—In cool districts, where the spring and summer seasons are short, Cucumbers must be raised under glass, but in warm localities, plant when danger from frost is over, in hills four feet apart each way. The soil should be most liberally manured, and a dressing of liquid manure during the growing season will materially increase the crop. They should be thinned to four plants in each hill, and should be kept well watered. For early use, they require to be raised in a frame and planted out when the weather is warm; in this case they must be protected till well hardened off. If the plants are inclined to grow too luxuriantly, pinch off the ends of the shoots.

CUCUMBER: YATES' MANGERE PRIZE.

New Siberian—The earliest. This is a very free bearer, producing short prickly fruit five inches long in great profusion; one of the best varieties grown for early marketing; fruit tender and good flavored. 2s. 6d. per oz.

Short Prickly—Very early and an immense cropper. 2s. 6d. per oz.

Long Green Prickly — The most prolific, favorite market variety. 2s. per oz.

African Cucumber—Very prolific. When fully ripe, the skin turns a brilliant orange and the inside is juicy like a passion fruit; with sugar it has a most delicious flavor. Thrives in hot climates.

Improved White Spine—One of the finest strains in cultivation, largely grown for market in Sydney; fruit long and straight. 2/6 per oz.

Stockwood—Excellent long variety. 2s. 6d. oz.

Yates' Mangere Prize — This is our great Speciality in Cucumbers. This splendid variety was originally raised by us, and is grown at our New Zealand Seed Farm. The fruit measures twenty to thirty inches long, of perfect shape, and produced in large numbers. They are very hardy, and in our trials are as easy to grow and almost as prolific as the common prickly varieties. To growers prefering the English type of Cucumber, we would strongly recommend this variety. Unfortunately, they give very few seeds, and the seed is consequently high in price. Owing to short seed crop, packets only can be supplied this season.

Early Cluster—Very early and prolific; excellent for pickling.

Giant Pera—A large variety with smooth light green skin. 2s. per oz.

We consider Yates' Mangere Prize Cucumber the best variety grown.

Mammoth—A heavy cropper, producing tender fleshed, oval shaped fruit of immense size, averaging five pounds. Recommended for boiling when ripe as a vegetable, or when young as a salad.

CUCUMBER: MAMMOTH.

Japanese Climbing—Will grow over a trellis, very prolific.

Apple Shaped—A small round variety, very prolific and sweet flavored; more digestible than the ordinary sorts. Excellent for private gardens.

West India Gherkin—Small prickly variety, for pickling. These are not so hardy as the other varieties, and in cold districts should be grown in a frame. 3s. per oz.

English Frame Varieties.

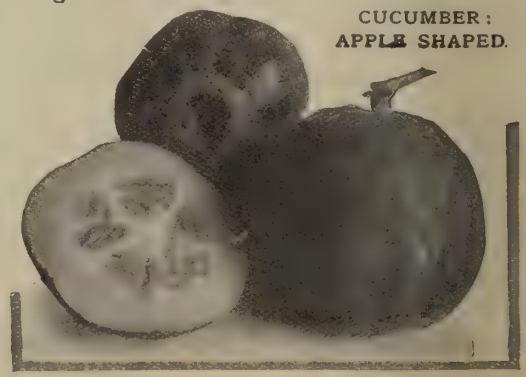
1s. per packet of ten seeds.

Rollison's Telegraph—One of the best free bearers.

Marquis of Lorne—Handsome and prolific.

Duke of Edinburgh—Fruit thirty-six inches long. Good for exhibition.

CUCUMBER: APPLE SHAPED.

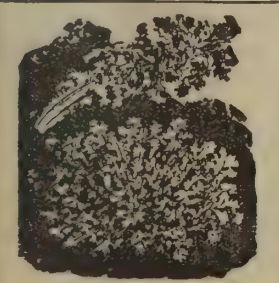


RELIABLE VEGETABLE SEEDS

1914

EGG PLANT.

KOHL RABI.



ENDIVE.

Egg Plant.

3d. and 6d. per packet, 3s. per oz., post free.

CULTIVATION.—The Egg Plant may be treated in exactly the same manner as Capsicum—the earliest raised in heat and transplanted. They, however, do best sown in a warm situation where they have to remain, as they are rather difficult to transplant satisfactorily; the plants may stand eighteen inches to two feet apart. This excellent vegetable, which is all but unknown in colonial gardens, will succeed just as well here as it does in America, where it is an established favorite and very largely grown. The fruit are cut in slices and then fried in butter with suitable seasoning, or they are delicious made into fritters. The variety offered is the best of the American varieties, being dwarf and very prolific, with large-sized fruit.

New York Spineless—The very best variety.

Endive.

3d. and 6d. per packet, 9d. per oz., 2s. per ¼-lb., post free.

CULTIVATION.—Treat the same as Lettuce. It is used like Lettuce for salads. When nearly full grown, tie up or cover with a slate to blanch the leaves. This plant is very largely used for salads on the Continent.

Green Curled—The best variety.

Herbs.

3d. and 6d. per packet, post free.

CULTIVATION.—Sow in spring on a warm border, or in the autumn in warm districts where the winters are mild, making the surface of the beds quite fine. In sowing the very small seeds do not cover with soil, but merely slightly stir the surface with a rake, which will bury the seed sufficiently. Transplant or thin out, as may be required, before the plants get too large. In warm climates they require to be carefully shaded, and watered in dry weather. When in full bloom, gather and dry and pack away for future use in air-tight bottles.

Thyme—For seasoning and soups. 1s. 6d. per oz.

Sage—For seasoning. 1/6 per oz.

Marjoram—For flavouring. 1/6 oz.

Lavender—For its aromatic smell. 1/6 per oz.

WE HAVE THREE SEED FARMS FOR GROWING AND TESTING SEEDS.

The following Herbs can also be supplied at 3d. and 6d. per packet:—

Balm.	Henbane.	Rue.
Borage.	Horehound.	Savory.
Chervil.	Hyssop.	Taragon.
Fennel.	Rosemary.	Wormwood.

Kohl Rabi (TURNIP-ROOTED CABBAGE).

3d. and 6d. per packet, 9d. per oz., 2s. 6d. per ¼-lb., post free.

CULTIVATION.—Sow in late summer and autumn, and treat the same as Cabbage. The Kohl Rabi is a vegetable intermediate between the Cabbage and Turnip, and combines the flavor of both. No vegetable stands heat and drought better than this. The Cabbage Aphis does not touch it. A delicious vegetable if used when young.

Purple—The best for table use.

Large Green—Extensively grown for cattle.

Leek.

3d. and 6d. per packet, 1s. per oz., 3s. per ¼-lb., 8s. 6d. per lb., post free.

CULTIVATION.—Sow early in spring and summer, and afterwards transplant in rows twelve or fifteen inches apart into deep soil, which cannot be too highly manured. It is a good plan to plant them in a trench like Celery; they can then be more easily watered and blanched. Keep watered during dry weather—if with liquid manure so much the better. When the plants have attained a good size, draw the soil about them to blanch the stems. A packet will sow two yards square.

LEEK: LONDON FLAG.

London Flag—Hardy and good.

Musselburgh—Larger than the previous sort.

The Lyon—Longer, but not so thick as the preceding; suitable for exhibition.

Mustard.

3d. and 6d. per packet, 9d. per ¼-lb., 2s. per lb., post free.

CULTIVATION.—This useful salad should be grown the same as Cress. It may be sown at any season. If required to come in with Cress it should be sown a week later. Cut when two inches high and while still in the seed leaf.

Finest White—The best for garden use.

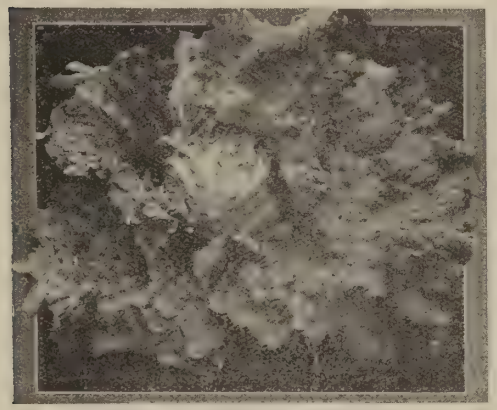
Agricultural, or Field Mustard—An excellent fodder plant for sheep fattening, sown with Rape or alone at the rate of eight pounds per acre. It grows very quickly, and can be grazed a few weeks after sowing.

See our Farm Seed Catalogue for further particulars.

LETTUCE.

3d. and 6d. per packet, 9d. per oz., 2s. 6d. per ¼-lb., post free.

CULTIVATION.—Lettuce may be sown at any season of the year. Transplant on to rich ground from six to nine inches apart, or in dry weather sow in the permanent beds, and thin to this distance and water freely. To get good crisp Lettuces, they require to be grown quickly; rich land is indispensable, and liquid manure will improve both the quality and quantity. A packet will sow a bed two yards square.



LETTUCE: NEAPOLITAN.

Cabbage Varieties.

Malta or Drumhead—A good summer variety. The leaves are smooth.

Neapolitan—Large and crisp, excellent for all seasons. The leaves are very curly; a favorite.

Yates' Champion Cabbage—One of the largest, stands a long time before seeding; this variety has a slight pink edging round the outer leaves.

Yates' American Summer—A Cabbage Lettuce that will withstand our hot dry spring and summer, without quickly running to seed, has long been wanted. They are similar in appearance to the Neapolitan, but very much lighter in color, the leaves being yellowish green. They form good firm hearts, and are wonderfully crisp and good flavored. 1s. per oz., 3s. per ¼-lb.

All the Year Round—Good sort, plain leaves.

Tom Thumb—Very small and firm hearting.

Mignonette—Small solid hearts; outer leaves tinged brown.

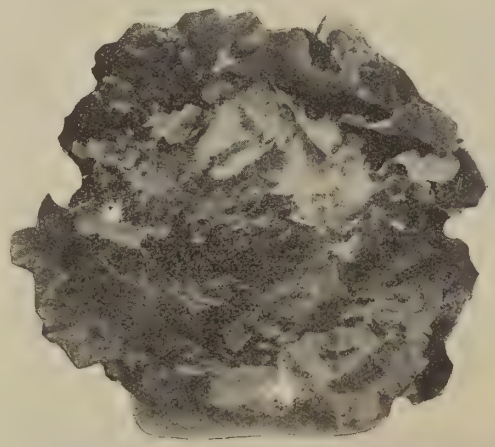
Iceberg—A really good variety, is early, hearts well and evenly. Large and crisp, with tender crinkled leaves; yellowish green, with a slight tinge of pink.

Webb's Wonderful—Green leaves, standing a long time, and of large size; solid hearts.

Cos or Upright Varieties.

Yates' Champion Cos—The best Cos; large and crisp, will grow to a very large size.

Paris White—Excellent.



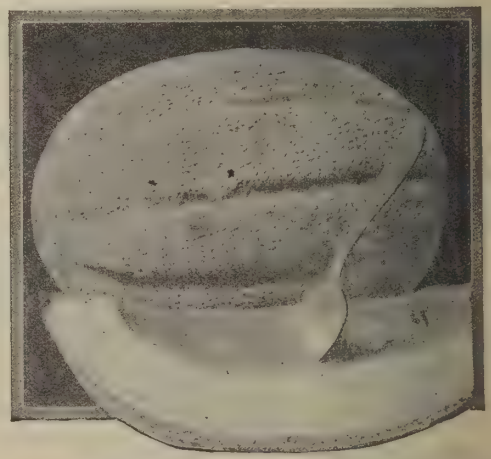
LETTUCE: YATES' CHAMPION CABBAGE.

MELONS, Rock or Musk.

3d. and 6d. per packet, 1s. per oz., 3s. 6d. per ¼-lb., 8s. 6d. per lb., post free.

CULTIVATION.—To grow this delicious fruit follow the instructions given for Cucumbers. They do best in a light, rich, well manured soil, and require plenteous watering when the plants are young, which, however, must be discontinued when the fruit is set. They require a warm climate, or in cool districts may be grown in a frame.

Rocky Ford (Netted Gem)—One of the very best varieties yet introduced, and one of the best for market. It is only of medium size (one and a half pounds), but is extremely prolific, very early, green flesh, slightly oblong and beautifully netted, and has a most delicious melting flavor.



ROCK MELON: ROCKY FORD.

Paul Rose—This is the best salmon-fleshed variety yet introduced. It is a deliciously flavored melon, a good cropper, and is exceptionally good for marketing, as it does not attain its full, ripe flavor until a week or ten days after cutting, when the skin turns yellow. It grows about one-third larger than Rocky Ford, and is a very heavy yielder.

Melons, Rock or Musk (continued).

Jenny Lind—The earliest and sweetest Rock Melon in cultivation; small but very desirable.

Early Nutmeg—One of the earliest; green flesh.

Emerald Gem—A small, very early, round Melon, smooth skin and slightly ribbed; specially recommended for its good flavor. Salmon flesh.

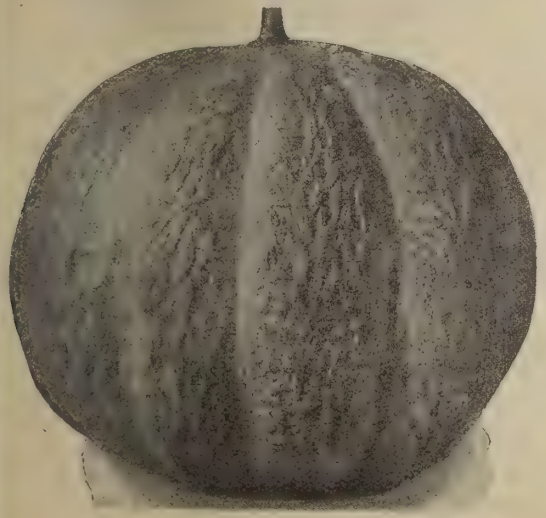
Hackensack, Early—A large, round, early Melon, deeply ribbed, flesh green, fine flavor.

The Banquet—Netted, salmon flesh, excellent.

Long Island Beauty—Netted and deeply ribbed, resembles Hackensack.

Long Banana—A long narrow Melon, orange flesh, hardy.

Mixed Rock Melons—Containing ten of the best early and late varieties.



ROCK MELON: EARLY HACKENSACK.

WATER MELONS

3d. and 6d. per packet, 9d. per oz., 2s. per ¼-lb., 7s. per lb., post free.

CULTIVATION.—Same as for Rock Melon.

Cole's Early—A splendid early variety. Will ripen its fruit where the season is so short that the ordinary sorts will not succeed. It is very hardy, a sure cropper, and has a very delicate dark red flesh, with very thin green rind, striped with lighter shades. Rather brittle for market.

Sugar Stick—A large oblong Melon; greyish skin, with red luscious sugary flesh.

Sweetheart—A very large, bright skinned Melon of fine quality; one of the best.

Phinney's Early—An extra early sort; oblong, and of fine flavor.

Hungarian Honey—One of the earliest; small, round, rich red flesh.

Our Melons are all American saved, and can be relied upon

Black Spanish—Oval, dark green.

Ice Cream (White Seeded)—A general favorite; scarlet flesh, thin rind, oblong and luscious.

Ice Cream (Grey Seeded)—Similar to the above; preferred by some growers.

Cuban Queen—The largest Melon grown. It is a general favorite with the growers; flesh red and juicy, delicious flavor, thin rind; an early sort.

Kleckley Sweets—The sweetest of all the large varieties; dark green skin, crimson flesh.

McIvor Sugar—An oblong Melon; pink flesh.

Dixie—Good market variety; crimson flesh.

Mountain Sweet—Favorite standard variety.

Florida Favorite—Oblong; fine flavor.

Kolb's Gem—A splendid market variety, carrying well, but of only medium flavor.

Mixed Water Melons—To suit those persons who only grow for domestic use, we offer a mixture of the best dozen varieties. These will bear for a longer season than if one sort only is planted, and will give more satisfactory results.

The following Standard Varieties can be supplied:—

The Boss, Rattlesnake, and others.

Melons, Preserving.

3d. and 6d. per packet, 9d. per oz., 2s. per ¼-lb., 7s. per lb., post free.

Pie (Green Seeded)—The usual variety, fruit oblong and light green in color.

Citron (Red Seeded)—Fruit round and dark green, striped and marbled with light green.

Mango Melon or Vegetable Peach—Resembles an orange, useful for preserving, very ornamental; prolific.

ONIONS. ❋ WE MAKE A SPECIALITY OF COLONIAL-GROWN ONION SEED.

3d. and 6d. per packet. We will quote special prices for quantities of three pounds and over.

CULTIVATION.—Onions do best on a rich, adhesive, loamy soil, which should be trenched or worked at least eighteen inches deep. Light or sandy soils should be made as firm as possible by treading before the seed is sown. Sow in spring as soon as the ground is sufficiently dry to work well. In the warmer districts of Australia an early sowing may be made in March, April, or May; in Queensland, March is the usual season. Afterwards, thin out to four or five inches apart. For autumn sowing, the Early Barletta and the Tripoli varieties, including Giant Rocca, are very suitable, as they will stand through the winter and make large onions earlier than the spring sown ones. The great thing in onion growing is to keep them well weeded and clean. As soon as the seedlings appear, they should be carefully gone through, thinning where too thick, and carefully removing all weeds before they get too big. This should be repeated two or three times during the spring, and the increase of crop will well repay the trouble. In hot districts, where the Brown Onions will not bulb, the Barletta and the Tripoli will often do well. Onions for pickling should be sown very thickly and thinned to an inch or two apart, they will then ripen into small bulbs. The Silver Skin or the Early Barletta are the best for this purpose. Where they are required for salad, they can be sown at any season. Onion is not a strong growing seed, and is apt to fail, especially if the weather be cold and wet. Our seed is always most carefully tested and can be depended upon. Our stocks of Brown Spanish and Globe are grown specially for us by a large Victorian grower, and we believe they are the best long-keeping strains in existence. A packet will sow four square yards.

For further cultural directions see our Pamphlet, "HOW TO GROW ONIONS FOR MARKET," post free on application.

Brown Skinned Varieties. THIS TYPE DOES BEST IN COOL OR TEMPERATE CLIMATES.

Yates' Early Money Maker—A very early brown flat Onion of the Spanish type, and described by one of the largest Victorian Onion Growers as the very earliest Brown Onion he has ever grown, and a specially good shipping variety. He predicts a great future for it for early marketing. We would recommend all Onion Growers in warm climates to give this variety a trial alongside our Hunter River Early Brown Spanish, and would welcome reports of the results. 1s. per packet, 1s. 6d. per oz., 4s. per ¼-lb., post paid.

Hunter River Early Brown Spanish—A remarkably early strain of this favorite market Onion. If planted in March or April in early districts, it will usually mature by November and December. It will not, however, keep like our Select Long-Keeping Spanish. Its great value is its earliness. For warm climates there is no other Brown Onion to equal this variety. Owing to the total failure of the seed crop of this variety, we regret we are unable to supply this year.

ONION: EXTRA EARLY GLOBE.

Early Flat Red — Almost as early as the Barletta. The Onions are deep red in color, and in many districts they command a higher price than the white skinned varieties. It is not a good keeping variety, but is very suitable for planting in warm districts in the early autumn. 1s. per oz., 3s. per ¼-lb., 10s. per lb., post paid.

ONION:
YATES' SELECT LONG-KEEPING BROWN SPANISH

Early Egyptian—A new variety, which is now being largely grown for the early market in Victoria. The bulbs are solid and of medium size, with dark brown tough skin. Matures much earlier than the ordinary Long-Keeping Brown Spanish and is quite as good an Onion. 1s. per oz., 3s. per ¼-lb., 10s. per lb., post free.

Extra Early Globe—An early, large, globe-shaped Onion, with beautiful golden skin. It is a splendid market variety, but not usually so early as the Hunter River Brown Spanish. Seed crop a partial failure. Price for this year, 1/6 per oz.; 4/- per ¼lb., post paid.

James' Keeping—Brown oval. 9d. per oz., 2/- per ¼lb., 7/- per lb., post paid.

ONIONS

Brown Skinned Varieties (continued).

Brown Spanish—Good strain. 2s. per ¼-lb., 6s. per lb., post paid.

Brown Spanish, Yates' Select Long-Keeping—The best strain of market Onion grown, will keep a twelvemonth, and stand transhipment anywhere. We pay the grower a very high price for this, on condition that he plants sound, Long-Keeping Onions only for seed. The result is that our Long-Keeping Brown Spanish is by far the best main crop Onion grown, and has done more to enhance our reputation than almost any other seed. The price of Onion seed is so small compared with the value of the crop that it is much the cheapest to buy the best seed. 9d. per oz., 2s. per ¼-lb., 7s. per lb., post paid.

Brown Globe — Earlier than the ordinary Brown Spanish, good keeper, desirable; a very favorite market variety. 9d. per oz., 2s. per ¼-lb., 7s. per lb., post paid.

Light Skinned Spanish or Straw-coloured Spanish—Skin of a light golden colour, which finds favour with many local growers. Markets well, although not so good a keeper as our Selected Brown Spanish. 1s. oz., 3s. ¼-lb., 10s. lb.

Ailsa Craig Improved — A pale straw-coloured onion of large oval shape, good cropper and splendid exhibition variety. 1s. 6d. per oz., 5s. per ¼-lb.

Cranston's Excelsior Improved—A very fine somewhat globular-shaped onion, with light brown skin. Extremely solid and a good keeper, whilst its size makes it a favourite for exhibition purposes. 1s. 6d. per oz., 5s. per ¼-lb., post paid.

NOTE!

A PRACTICAL TREATISE, entitled:

"HOW TO GROW ONIONS FOR MARKET,"

will be forwarded post free to anyone who applies for same . . . This is probably the most useful publication of the kind obtainable.

Written by a large Victorian Onion Grower.

Tripoli Onions.

THESE ARE THE BEST FOR HOT CLIMATES, WHERE THE ORDINARY VARIETIES WILL NOT BULB, OR FOR EARLY USE IN ANY CLIMATE.

Early White Italian Tripoli—A very early white skinned Onion, growing to a fair size, but not a keeping variety; mild in flavour and excellent for early crop. 1s. per oz., 3s. per ¼-lb., 10s. per lb., post paid.

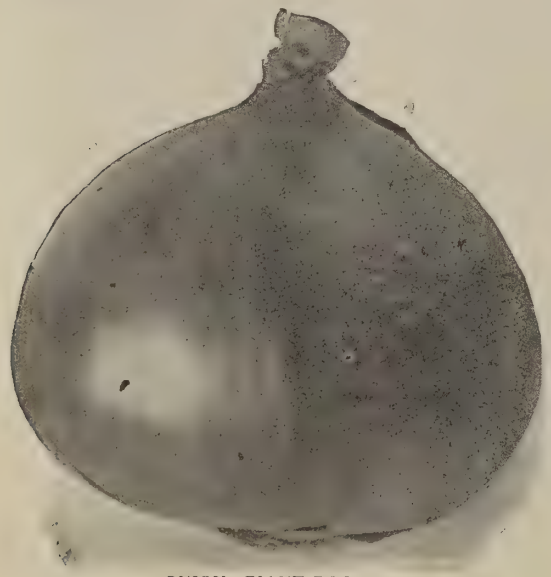
A CROP OF YATES' EXTRA EARLY GLOBE, RAISED FROM ONE PACKET OF SEED.

Tripoli Onions

These are the best for hot climates where the ordinary varieties will not bulb, or for early use in any climate.

Giant White Italian Tripoli—Similar to the preceding variety, but larger and later. All the Tripoli Onions, although not keepers, are very hardy and suitable for transplanting in the early winter or spring, when they will grow to a very large size. 1s. per oz., 3s. per ¼-lb., 10s. per lb., post paid.

Giant Rocca—A large reddish-brown Tripoli, excellent for autumn or spring sowing, but not a good keeper; one of the largest Onions grown, and one of the hardiest. 1s. per oz., 3s. per ¼-lb., 10s. per lb., post paid.



ONION: GIANT ROCCA.

Extra Early Barletta—The earliest Onion grown. A pure white silvery skin; splendid for pickling or general use. If thinned to four inches apart and planted early, they will grow to a large size; and in the hotter parts of Queensland this variety will yield a heavy crop where the ordinary varieties will not bulb at all; we would recommend it for all hot districts where there is only a short cool season. It should then be sown in March, April, or May in such climates. 1s. per oz., 3s. per ¼-lb., 10s. per lb., post free.

Silver Skin—Small, for pickling; very early, sow thickly. 1s. per oz., 3s. per ¼-lb., 10s. per lb., post paid.

Silver King—A good flat white skinned Onion of excellent mild flavour. 1s. per oz., 3s. per ¼-lb., 10s. per lb., post paid.

Potato & Tree Onions, Shallots, and Garlic Bulbs

Can usually be supplied during the Autumn and Early Winter.

Potato Onions	4d. to 6d. per lb.	All Postage extra.
Tree Onions ..	9d. per lb.	
Shallots	6d. per lb.	
Garlic	6d. per lb.	

These prices vary with the market.

Special rates for quantities.

PEAS.

6d. per packet, or, post paid 10d. per packet. Postage, 6d. per quart extra.

William Hurst—The earliest, heavy cropper; 9 to 12 inches. Per quart, 1s. 3d.

American Wonder—Fifteen inches, excellent, very early, and prolific. Per quart, 1s. 3d.

Little Gem—Early and good, 18 inches high. Per quart, 1s. 3d.

Sherwood—An early variety, of strong constitution and dwarf habit; large pods, heavy cropper, 18 inches. Regret unable to supply this year.

Laxton's Gradus — One of the earliest wrinkled peas and a good cropper; three to four feet. Per quart, 2s. 6d.

The Stanley—Splendid early dwarf, well-filled pods, heavy cropper, one of the best. The peas are of excellent flavour. Regret unable to supply this year.

The Daisy—Splendid dwarf second early pea, growing only 18 inches to 2 feet high; the pods are as large as and similar to Stratagem; a heavy cropper and very desirable variety. Per quart, 1s. 6d.

Pride of the Market—Hardiest variety, excellent; 2 feet high. Per quart, 1s. 3d.

Stratagem (Re-selected)—This fine variety had practically "run-out," but we have re-selected it, and can recommend our strain as being perfect. Three feet, excellent cropper, pods large, and containing seven to eight peas of splendid flavour; very suitable for moist cool districts. Per quart, 1s.

PEAS:
YATES'
LITTLE GEM

GARDEN PEAS

CULTIVATION.—For a continuous supply of this favourite vegetable, sow every two or three weeks during the winter, spring, and early summer months; and in the warmer districts of Australia, where winter frosts are not experienced, they may also be grown in the autumn. They should be sown in rows, as nearly in the direction of north and south as possible, so that both sides may get the sun, and the rows should be as far apart as the height the peas grow, the taller sorts requiring more space. They should be earthed up and staked when three inches high. The dwarfer sorts, though sometimes grown without, will be benefited by a few sticks to keep them off the ground. An average packet will sow a row of thirty feet to forty feet.

6d. per packet, or post paid, 10d. per packet; postage 6d. per quart extra.

NOTE! The prices quoted for Peas do not include postage. When they have to be sent this way, 6d. per quart or 4d. per packet should be added.

Glory of Devon—Our special recommendation, both for garden and exhibition purposes. A quite distinct main crop Pea of the marrow fat type, its strong, vigorous foliage, handsome pods containing from 8 to 10 peas of large size and most delicious flavour, mark it as one of the best of recent introductions. Height, 3 to 4 feet. Packets only.

Royal Salute — A main crop variety, with large, well-filled pods; a heavy cropper, distinct, of good quality, growing about 3 feet in height; a splendid garden pea, which we recommend with confidence. Per quart, 1/6.

Veitch's Perfection—Three feet, of delicious flavour, good standard variety, heavy cropper. Per quart, 1/-.

Yorkshire Hero — Two to three feet, the hardiest and best for general use in warm districts or for summer planting; this variety will give heavy crops in seasons when all others fail; the pods are medium in size, but they crop well, and are of excellent flavour. Per quart, 1/-.

The Gladstone—A heavy cropper, produces pods in pairs; haulm, pods and peas dark green; pods long, containing nine to ten peas of large size and fine flavour; height, three feet; seed wrinkled. Per quart, 1/6.

Prince of Wales—Heavy cropper, four feet high. Per quart, 1/3.

Alderman—A splendid variety, with handsome straight deep green pods of exceptional length, and peas of delicious flavour; one of the best tall sorts for main crop and exhibition; 5 feet. Per quart, 2/-.

Telegraph and Duke of Albany—These are both tall peas, most excellent for exhibition; five to six feet; pods long and well filled. Per packet, 6d.; per quart, 1/6.

Sugar or Edible Podded—We offer both the tall and dwarf varieties. Per packet, 6d.; per quart, 2/6.

We pick over our Peas by hand, removing all unsound seed.

Mrs. A. C. McINTOSH, Woodville. March 20th, 1914.
"Everyone who saw the pansies I got from you last season said they were the best they had seen. I got 84 plants and 30 varieties from the packet of seed (Yates' exhibition)."

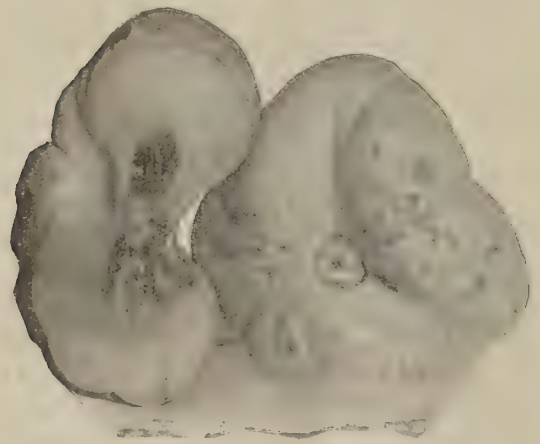
Pumpkin.

3d. and 6d. per packet, 1s. per oz., 2s. 6d. per ¼-lb., 7s. 6d. per lb., post free.

CULTIVATION.—Treat the same as Cucumber, only the hills should be eight feet apart each way. They will thrive in any good garden soil. For other varieties see Squash. Winter Squashes are practically the same as our Table Pumpkins, and are, in many cases, superior. The larger Pumpkins make the very best feed for cattle and pigs in dry districts. Sow two pounds of seed per acre.

Yates' Triamble—This has proved to be one of the best Table Pumpkins we have. As will be seen from the illustration, it is of distinctive shape, and very thick fleshed. It is a very dry eating variety, of excellent flavor, keeps well, and is a splendid market variety.

Yates' Premium Ironbark—One of the earliest and best for private gardens, not too large and an excellent keeper and boiler; good for cool districts, as they mature quickly. The raiser grew 200 dozen per acre. An excellent Table Pumpkin. 1s. per oz., 2s. 6d. per ¼-lb., 8s. per lb., post free.



PUMPKIN: YATES' TRIAMBLE.

It has an excellent flavor, and is one of the very best varieties for table use.

PUMPKIN: YATES' CROWN.

Yates' Select Crown—The Crown is larger and later than the Premium Ironbark, and therefore it is not so suitable for cool climates. It is of excellent quality and a good keeper.

Yates' Large Ironbark—A splendid marketing Pumpkin of first-class quality, hard as iron, keeping better than any other sort; makes a good cattle pumpkin.

Large Button—Boils dry, splendid flavor, excellent keeper, and carries well to market.

Turk's Cap—A very desirable sort for districts where the seasons are short, as it is the earliest Pumpkin grown. They are good croppers and keepers, dry, and good flavored.

Gramma—For pigs or for cattle. Similar to Trombone. Excellent for warm districts, but they will not mature in cool climates. A very sugary Pumpkin, and very fattening when fed to pigs or cattle. 7s. 6d. per lb., post free.

Trombone or Bugle—A long trumpet-shaped variety, very sweet, excellent for pies, similar to Gramma. 2s. 6d. per ¼-lb., 7s. 6d. per lb., post free.

Camden Selected Cattle Pumpkin—A special strain of Cattle Pumpkin, which has been grown and selected for some years by a large dairy farmer at Camden; will give a greater weight per acre than any other variety. In hot climates few plants will give so much fodder for cattle and pigs, or for fattening sheep. It is not suitable for cool climates.

Mixed Cattle—For feeding. 3s. 6d. per lb., post free.

Messrs THIBAULTS Ltd., West Tamworth. 11th July, 1913.

"We have had several Swede Turnips sent us and grown from your seeds, weighing 15, 16, 17½, and 18½ pounds."

WM. SCHMUTTER, Gardener, Uralla. 4th March, 1913.

"I have been gardening on Sostwyck for sixteen years, and have used your seeds with every success all that time. In Mr. Dangar's name I got first prize for collection of vegetables, first prize for Hodson Long Pod Beans, and second prize for Hollow Crown Parsnip at Armidale Show."

RELIABLE VEGETABLE SEEDS
1914

Parsley.

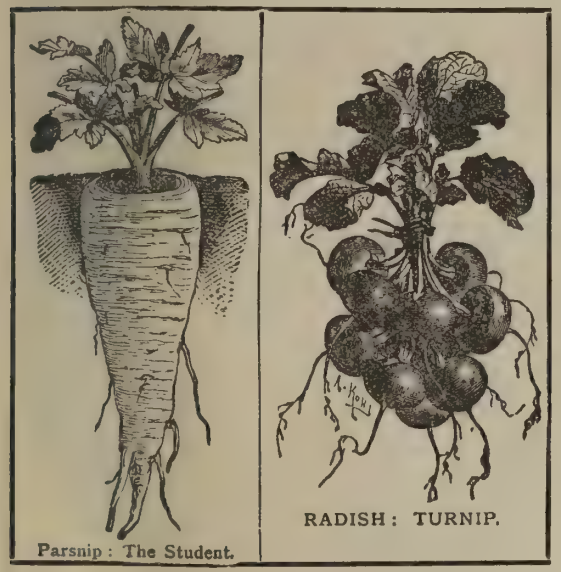
3d. and 6d. per packet,
1s. per oz.,
3s. per ¼-lb., post free.

CULTIVATION.—This may be sown either in the spring or autumn in finely worked soil. Sow thickly, and afterwards thin to a few inches apart. As this seed is long in germinating, the ground should not be disturbed, though the plants do not appear for some time. A packet will sow a drill of ten feet.

Extra Curled—Excellent for general use.

Fern Leaved—Beautiful for garnishing.

Both of these are specially selected stocks, grown on our own Farm.



Parsnip: The Student.

RADISH: TURNIP.

Parsnip.

3d. and 6d. per packet,
1s. 3d. per ¼-lb.,
3s. 6d. per lb., post free.

CULTIVATION.—A deep and strong loam is the best for growing Parsnips, but they will succeed in almost any soil. The seed can be sown at any time in the spring, and in the milder parts of the States also in the summer and autumn. Plant in drills a foot apart, and afterwards thin to six or eight inches between the plants. The roots are better left in the ground until wanted for use. A packet will sow a drill of forty feet.

Hollow Crown—Very select, long roots.

The Student—Large, excellent flavor.

Radish.

3d. and 6d. per packet,
1s. per ¼-lb.,
2s. 6d. per lb., post paid.

CULTIVATION.—Plant throughout the year, choosing showery genial weather. For succession, sowings may be made every three or four weeks, on good, light, well manured soil. To have good, tender, crisp-eating Radishes they must be grown quickly, and liberally watered during dry weather. A packet will sow four square yards.

Long Scarlet—Long and good flavored.

Long Scarlet (White Tipped)—New, pretty, tender, and good flavored.

Long White Naples—Same shape as Long Scarlet.

French Breakfast—Oval shape, red, with white tip.

Mixed Turnip—White and red mixed.

Rose (Olive Shape)—Oval shaped red variety.

Black Spanish—A large winter Radish.

White Chinese—Long cylindrical white variety

Mougri Radish—The young seed pods of this variety are eaten or used for flavoring salads instead of the roots, and are more digestible. 6d. per packet, 1s. per oz.

Rhubarb.

3d. and 6d. per packet,
1s. 6d. per oz.,
4s. per ¼-lb., post free.

CULTIVATION.—Sow in spring, and when in rough leaf, prick out in nursery rows six or eight inches apart. Afterwards, select the most promising of the seedlings, and plant three or four feet apart in the permanent bed, which must be well manured.

Victoria Giant—The largest and best.

Topp's Winter—Smaller than the above, but of splendid flavour and a rich crimson colour. Can be cut for use right through the winter into the summer months. 2s. per oz.

We can also supply—

Victoria Giant Rhubarb Roots during the winter season. Price, 3s. 6d. and 5s. per dozen; or,

Topp's Winter, 5d. and 6d. each, 4s. 6d. and 5s. per dozen. All postage or freight extra.

Salsify, or VEGETABLE OYSTER.

3d. and 6d. per packet, 1s. per oz.

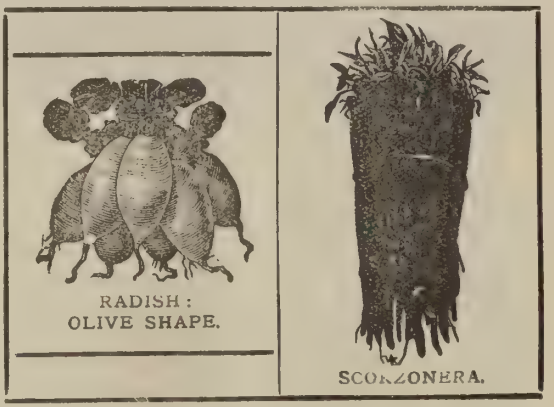
A most delicious vegetable, which is not grown to the extent it deserves. The cultivation is similar to that of the Parsnip. When full grown the roots should be boiled till tender, and served up with melted butter; they have a pronounced oyster flavor.

Mammoth Sandwich Island—An improved variety.

Scorzonera.

3d. and 6d. per packet,
1s. per oz.

A vegetable similar to Salsify, which it much resembles in flavor, and requires the same cultivation. If the tops are blanched they may be used as Asparagus. It has been found by analysis that this is one of the most nutritious roots grown. Though the skin is black, the flesh is white, and most delicious when properly cooked, The outer rind should be removed, and the roots soaked for several hours before boiling.



RADISH: OLIVE SHAPE.

SCORZONERA.

Tobacco.

3d. and 6d. per packet,
2s. 6d. per oz., post paid.

CULTIVATION.—Sow when frosts are over, or in a hotbed in early spring, and, when large enough and the weather mild, transplant into the open. They will not stand frost.

We keep all the leading varieties, including:—

Virginia, Connecticut, Havana,
Blue Pryor, Yellow Pryor, etc.,

all imported American-saved seed.

TOMATO.

3d. and 6d. per packet, post paid.

CULTIVATION.—Tomatoes should be sown in a hotbed early in spring, or in the open air when danger from frost is over, and when the plants are large enough, plant out on a warm border, which should be well enriched with good rotten manure. They may be allowed to run on the ground, but if grown against a wall or trellis work, the larger crop will repay the trouble. After the first fruit have set, check the growth of the plants by pinching off the ends of the shoots. Liquid manure during the growing season will be found very beneficial.

THE VARIETIES MARKED * WE FIND NOT SO SUITABLE AS OTHERS FOR THE COOL CLIMATES OF NEW ZEALAND, TASMANIA, AND VICTORIA.

Yates' Market Favorite — First early. A selection of the old large red, with large, slightly ribbed fruit, which are produced in great profusion. It is one of the earliest varieties grown. The fruit are very solid, juicy, and good flavored, and, where a ribbed Tomato is not objected to, is one of the best varieties to grow, on account of the enormous yield and hardiness. This variety will thrive and perfect its fruit in dry or wet seasons, when others are all affected with black spot and rot. 5s. per. oz.

Burwood Prize—Second early. This is one of the most vigorous and hardiest varieties we know, and will give an enormous crop of smooth oval fruit. They are very solid and splendid carriers. The fruit are of good size, juicy, and good flavored. (See illustration.) It is one of the best market varieties ever introduced. 5s. per oz.

Yates' Selected Trophy — Late. Saved on our own farm; a very choice and pure stock. The fruit is large, smooth, and bright red in color. One of the heaviest croppers and the best late variety grown. The vines are vigorous and hardy. We have been selecting this variety for many years past, and the seed we offer is infinitely superior to the imported. 5s. per oz.

GROWING A CROP OF TOMATOES FOR SEED AT OUR N.Z. FARM.

Yates' Early Smooth Red—As early as Market Favorite, but smoother in the skin, being free from ribs; excellent for market. 5s. per oz.

Yates' Selected Large Red—Identical with our Market Favourite; combines earliness with heavy cropping. Habit extremely robust, and therefore the most suitable sort for market growers; fruit large, slightly ribbed, but solid, and of good appearance and flavour. 5s. per oz.

Chalk's Early Jewel—A new large-fruited tomato, with solid flesh, and smooth, bright red skin; a heavy cropping variety.

Stone—A large smooth red tomato, very solid and a good carrier. This is a late variety, and succeeds best in warm districts.

TOMATO: BURWOOD PRIZE.

Holmes' Supreme—Medium size, firm, round, smooth, scarlet, good flavour, averaging ten fruits to a cluster. A heavy cropper, of sturdy growth and exceptionally compact habit, being very short-jointed. It sets free under almost all conditions.

Tomato - (Continued)

Peach—This is a distinct and very attractive tomato, resembling a peach in shape, size, and colour, and is covered with a delicate furze or bloom like that fruit.
Early Ruby—A bright red, smooth-skinned variety, extremely early and very suitable for glass-house culture for marketing.
Dwarf Champion—Grows erect without support; fruit medium size, early and prolific.
Acme—One of the earliest.
Ponderosa*—The largest of all; very solid.
Mikado*—Fruit large, purplish red, early, and produced in large numbers.
Earliana—Extra early; smooth bright red, small vine, heavy cropper.
Atlantic Prize—One of the very earliest, with bright red smooth skin.
Livingstone's Beauty—Medium size, smooth skin, purplish red.
Golden Sunrise—Large golden yellow, smooth skin, excellent quality. Very attractive when sliced with the red varieties in salads.
Optimus*—Medium early and a heavy bearer; fruit medium size, smooth and oval, delicious flavour, and rich crimson scarlet colour.

TOMATO: CHALK'S EARLY JEWEL.

WM. SALES, Wangaratta, Vic.
21st February, 1913.
"I may tell you the Brown Globe seed I got from you, I have harvested onions up to 1 lb. in weight, beauties. Nuff said!

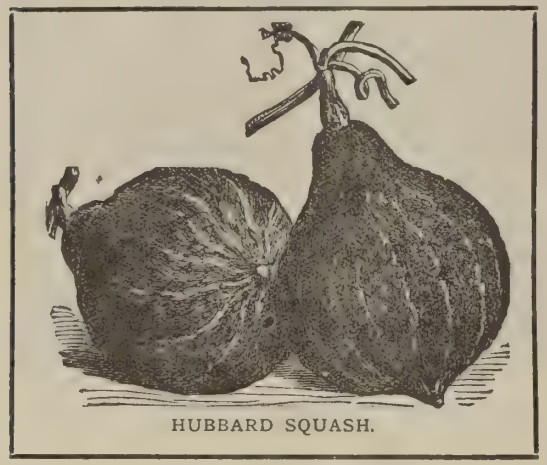
TOMATO: EARLIANA.

Matchless*—A tall prolific variety, with large smooth fruit of good flavour.
King Humbert—One of the earliest productive red varieties. The fruit is about the size of a hen's egg, oval in shape with flattish sides. Very good for eating uncooked.
June Pink—An extra early selection from Earliana, differing chiefly in the colour, which is a purplish pink. The fruit is uniform in size and shape, and the flesh is nice and solid.
Yellow Plum—Very prolific plum-shaped variety, bright golden colour; effective for garnishing, and a good dessert variety.
Crimson Cushion*—A splendid new variety; large and very solid.
Golden Queen—A valuable yellow variety; contrasting well with the red in salads; medium size, smooth skin.
Trucker's Favorite—The finest large-fruited, purplish-red variety, regular in size, and very solid and good flavoured; very vigorous grower and hardy.
We can also supply the following:—**Red Cherry. Buckeye State. Yellow Pear Shaped. Scarlet Pear Shaped.**
Tomato Tree (Cyphomandra)—Sub-tropical shrub; fruit resembles the Tomato. 6d. per packet.

Squash.

3d. and 6d. per packet,
1s. per oz.,
3s. per ¼-lb., post paid.

CULTIVATION.—This vegetable, which is most extensively grown in the United States, should receive the same treatment as the Cucumber. The Winter Squashes are similar to the Colonial Pumpkin, but many of the sorts are superior. The Summer Varieties are very similar to Vegetable Marrows.



HUBBARD SQUASH.

Winter Varieties.

These should be sown in the early spring, the same as the others, but they are later in maturing, and will keep all through the winter like Pumpkins.

Hubbard — Excellent keeper, sweet and dry. It is as good as our best Pumpkins.

Warted Hubbard—Boils dry and mealy.

Marblehead—A splendid keeping variety and cooks like a "dry" Pumpkin.

Boston Marrow—Very thin skin, dry sweet flesh.

Turban—An old favorite.

Delicata—May be used for summer or winter use; excellent keeper, splendid flavor.

Finest Mixed—Desirable keeping sorts. We can highly recommend these Winter Squashes.

Summer Varieties.

Early White Bush—Very similar to Custard Marrow. The vine does not run.

Early Golden Bush—Deep yellow.

Perfect Gem—Small, round, white fruit, may be used for summer or winter; keeps well.

Crookneck—A rich golden yellow, excellent flavor.

Finest Mixed—A mixture of above varieties. They are both ornamental and useful vegetables.

Spinach.

3d. and 6d. per packet,
1s. per ¼-lb.,
2s. 6d. per lb., post paid.

CULTIVATION.—This useful crop may be sown in the spring, but does best in the autumn, and for succession should be planted at intervals of two or three weeks. The seed should be sown in drills in good rich soil—the richer the better—and for summer crops should have abundance of moisture. A packet will sow about forty feet.

Monstrous Viroflay—Has the largest leaves.

Prickly—The best for winter use.

Round—For summer use.

New Zealand—A hardy vigorous growing variety, growing during the hot months when other Spinach is unapproachable. A vegetable well suited to our hotter Australian districts. Soak the seed in hot water before sowing.

Sweet Potato.

CULTIVATION.—The best way to procure these is by ordering rooted cuttings, which go readily by post, and which we can supply at a few days' notice any time during the late spring. These should be planted out in ridges two and a half feet apart, in land which has previously been deeply trenched and well fertilized with a good phosphate and potash manure. The cuttings will soon become established in suitable weather, and will throw out runners. To increase the stock of plants, cut the vines back occasionally to within a foot or eighteen inches of the main root, and use these cuttings to plant out more land. So long as they are planted by January, they will produce a good crop. They should be prevented from rooting at the joints by lifting up the vines occasionally. They are usually ready for digging in about four months from planting.

During the Spring we can supply the

New Zealand Kumara—Red skin. 5d. per doz.; 2s. 6d. per 100, postage extra.

Sweet Corn or Maize.

3d. and 6d. per packet,
1s. 6d. per lb., or, post paid, 2s. per lb.

CULTIVATION.—Plant in spring when all danger from frost is over, in rows three feet apart, and thin to a foot between the plants. The cobs should be cooked while in their green state, and are ready for use as soon as the tassel is withered. To cook, plunge the cobs into boiling water for five minutes, serve up with butter and pepper to taste. This vegetable should be made to take the place of Peas during our hot summer season.

Early Crosby—Extra early.

Early Cory—Splendid early sort.

Peep-o'-Day—A very early variety.

Country Gentleman—Best for main planting.

Stowell's Evergreen—The best late variety.

Mixed—A mixture of early and late sorts.

Pop Corn—For roasting when ripe.

SPINACH: PRICKLY.

Miss M. CLARKE, Broken Dam, via Yass. March 15, 1913.
"I have taken first prize for collection of vegetables at Areah Park for last three years from your seeds."

Turnip.

3d. and 6d. per packet,
1s. per ¼-lb.,
2/6 pe lb., post paid.

CULTIVATION.—Turnips, to be tender and good flavored, must be grown quickly, so should have a rich soil and an open situation. The seed should be sown very thinly, and the plants hoed out to proper distances apart when young. They may be sown nearly the whole year, choosing rainy weather during the summer months; they should be kept moist in dry weather. The best time to sow Swedes is in late spring, summer, and autumn. A packet will sow eight square yards.

Purple Top Munich—The earliest; flat, pure white, purple top. 1s. 3d. per ¼-lb., 3s. 6d. per lb., post free.

Snowball or White Stone—Good early variety; one of the best.

Nepaul or White Strapleaf—Early flat variety; the favorite in the Sydney market.

Red Top Stone—White, with pink top; excellent, later than previous varieties.

Orange Jelly or Golden Ball—Best yellow, hardy, late. Will stand through the winter.

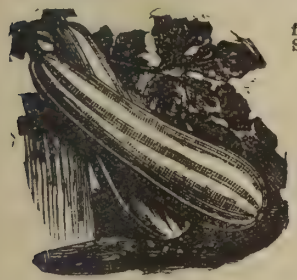
Yates' Garden Swede—Best Swede for garden cultivation. Sow in summer and autumn.

SNOWBALL or WHITE STONE TURNIP.

Vegetable Marrow.

3d. and 6d. per packet,
1s. per oz.,
3s. per ¼-lb., post paid.

CULTIVATION.—To grow Vegetable Marrows successfully, follow the instructions that are given for Cucumber and Pumpkin. Sow when frosts are over in spring.



LONG CREAM.

Long Cream—The best; good flavored.

Long Green—Boils drier than Long Cream.

Custard—Small and good flavored.

Long White Bush Marrow—Long fruited, does not run.

Long Green Bush Marrow—Non-running.

Rice Marrow—When boiled the flesh separates like grains of rice.

Yates' Ironbark Marrow—This is of true marrow shape, and can be used green like any other marrow, but if allowed to ripen, will keep all through the winter, and will cook as dry and as well as the best Pumpkin, and is of excellent flavor. We consider this a very good introduction. Being of medium size, it is more suited for small families than the average large sized pumpkins. 6d. per packet, 2s. per oz.

Sundry Vegetable Seeds.

Rosella—Only suitable for semi-tropical or tropical climates. The celebrated Rosella Jam is made from the fleshy calyx of the flowers. Sow in early spring in a warm situation. 3d. and 6d. per packet.

Choko—A tender, marrow-like vine, suitable for warm climates. Produces an edible fruit, similar to a Vegetable Marrow, in large numbers. Cannot be supplied after September; plant in spring. 9d. each, post paid.

Okra—Used for making soups. Sow in late spring, and plant out eighteen inches apart; requires a warm climate. 6d. per packet.

Granadilla—A large variety of Passion Vine, suitable for semi-tropical climates. The fruit, when ripe, resembles a Rock Melon in flavor. Only suitable for outdoor cultivation in hot climates. 1s. per packet.

Alpine Strawberries—Very easily raised; sown in the early autumn they will bear some fruit the following summer. The fruit are not large, but have exquisite flavor, and the plants bear continuously all the summer till quite late in the autumn. We recommend that they be sown in nursery beds. We offer two sorts: running variety, 6d. packet; non-running variety, 1s. per packet; or one small packet of each, 1s.

Mushroom Spawn.

Autumn and winter are the most suitable seasons for the cultivation of Mushrooms in the open, although they may be grown at almost any time in cool dark cellars, etc., where the temperature ranges between 50 and 60 degrees. For cultural directions see Yates' Gardening Guide. Three bricks, when broken up, should be sufficient to spawn a bed of two square yards (three feet by six feet). Large bricks, superior quality, 1s. each; postage, 6d. extra.

MUSHROOMS

YATES CHOICE FLOWER SEEDS

IN the following pages we offer all the most beautiful of flowers which are best suited to our climate. Our strains are not to be excelled anywhere, and we exercise the greatest care to only supply seed of the very best quality and of tested growth. We have three Trial Grounds, situated at Exeter and Concord, N.S.W., and near Auckland, N.Z., where, in addition to the germination tests made in our Warehouse, we annually grow to maturity, tests of all our main lines, and are thus enabled to see that the high standard of quality we require is maintained. In our Trial Grounds we also grow many of our own Specialities and selections for seed. Full particulars of these and Novelties and new introductions will be found on pages 27 to 35. In this connection we would specially draw attention to our new race of Winter Flowering Spencer Sweet Peas, which are, without doubt, the most noteworthy introductions of recent years.

For hints and instructions for obtaining the very best results and most pleasure from the flower garden, we would specially recommend Yates' Gardening Guide, which is the most complete small manual on gardening published in Australia. It will be sent gratis on receipt of threepence, to cover cost of postage, etc. . . . . For customers, who are not expert gardeners, and are at a loss as to what varieties to order, we are offering the following.

COLLECTIONS CHOICE FLOWER SEEDS

These will be found particularly suitable, and we give extra good value when the selection is left to us in this way. We also pick out only the strong growing, easily raised varieties that are likely to succeed and give good satisfaction. We cannot break these Collections, but if customers wish any varieties to be left out of them, we will replace with other suitable sorts. We will send them all post free at prices quoted, and they may be ordered through any of our country agents, who would supply them at a few days' notice.

A—Twelve Choice Varieties of Pure White Flowers for Altar Decoration, or for making wreaths or bouquets. **3s.**

B—Twenty Choice Flowers for Spring Planting. Suitable for summer bedding, viz., varieties which stand the heat and a fair amount of dry weather, and yet make a good show of bloom. **5s.**

C—Twelve Choice Flowers for Spring Sowing. These will flower during the summer and autumn, and include some of the more expensive seeds. **3s.**

D—Twelve Varieties of Flowers for Spring Sowing, of the cheaper kinds only. **2s.**

E—Twenty Choice Flowers for Autumn Planting. Suitable for bedding out in early spring, and will make a splendid show during the spring and early summer months, when the Collection "B" previously offered will take their place. **5s.**

F—Twelve Choice Flowers for Autumn Planting. Similar to "E," and containing many of the more expensive varieties. **3s.**

G—Twelve Flowers for Autumn Planting, of the cheaper varieties only. **2s.**

H—Twelve Perennials for Autumn Planting. These will bloom the following spring if sown in March. **3s.**

I—Everlasting Flowers. Six choice varieties, **1s. 6d.,** or twelve varieties, distinct, **2s. 6d.**

J—Ornamental Grasses. Six choice distinct varieties, **1s.,** or fifteen varieties, **2s.**

K—Twelve Choice Climbers. We give good distinct varieties only. **3s.**

L—Six Choice Climbers, similar to the above. **1s. 6d.**

TO PREVENT MISTAKES, PLEASE MENTION THE DISTINGUISHING LETTER IN ORDERING any of THESE COLLECTIONS, also THE PRICE.

FEW pursuits are so interesting, and have so good an educating influence on youthful minds, as growing flowers. To enable parents to supply their youngsters with small packets of assorted seeds, we make the following Collections. The packets are small, but are quite large enough for the children's garden, and the price is low enough to enable each child to have one. Where there are a number of children, it is a good plan to offer a prize for the best kept garden, and to supply each with a small collection of seed.

M—Six Small Packets of Assorted Hardy Flowers, our selection, **1s.**

N—Twelve Small Packets of Assorted Hardy Flowers, our selection, **2s.**

OUR Specialities & Novelties

FOR 1914 IN CHOICE FLOWER SEEDS.

THE following are all worthy of special mention. They not only include the best of the Novelties sent out by other firms, but also some of the

SPECIALITIES IN FLOWER SEEDS

we are saving at our Concord (New South Wales) and New Zealand Seed Grounds. These are particularly good strains, and much finer than many of the imported seeds.

Amaranthus, Yates' Concord Hybrids

For a dazzling show of color in the autumn months, nothing can excel the improved varieties of Amaranthus we now offer. We have been making a Speciality of them at our Concord Seed Grounds, and have tested every variety we could procure. We have now vastly improved the strains, and have selected some new types of very novel coloring. Amaranthus should be sown in the late spring when the ground is warm, or in cold climates they would be better raised under glass. When large enough and the weather is suitable, transplant into clumps in the borders, say three or four plants in each clump, eighteen inches or two feet apart; they like rich, well-manured soil, and will be benefited by an application of liquid manure once a week, and should never be allowed to suffer from drought. We give the height of each variety, so that they can be planted to give the best effect.

Atrocarminea — Bronze leaved, carmine top, 8 ft.
Atrococcinea—Dark scarlet, long narrow leaves, 6 ft.
Aurea—Green foliage, yellow top, 4 ft.
Carminea-Aurea—Yellow and carmine; a pleasing contrast, 10 ft.
Croton-Leaved — Red, carmine, and yellow, twisted leaves.
Delicata — Dwarf, delicate pink and yellow, 2½ ft.
Carminea—Carmine leaves, 3 ft.
Metalica — Bronze foliage, long narrow leaf, 5 ft.
Salicifolius (Improved) — Long narrow leaves, pink foliage, 6 ft.
Tricolor (Improved)—Yellow, red, and green, very showy, 4 ft.
Concord Hybrids (Mixed) — 1s. Small packets, 6d.
Plumosa (Mixed)—A fine strain, with gorgeous coloring and handsome feathered crests.

Each, per packet, 6d., or a **Collection** of eight varieties for 3s. 6d.

Antirrhinum, Majus Grandiflorum, Venus

This valuable addition to the tall large flowered Snapdragons is of a delicate pink shade on a white ground, set off by a pure white throat —a beautiful combination and very useful for decoration. The long stalks are thickly studded with large flowers of the finest form, which should make it very popular with all lovers of these hardy perennials. Per packet, 1s.

Bellis Perennis, Monstrosa.

Bellis Perennis, Monstrosa

A splendid new type of Giant Double Daisies, producing remarkably fine large double blooms of perfect form, in fact, they much resemble well grown Asters. They are a great advance on the old type and we specially recommend them. We can offer them in three colors: red, white, and light rose.

Each, per packet, 1s., or a **Collection** of one packet each of three colors, 2s. 6d.

NOVELTIES & SPECIALITIES

Aquilegia, Yates' Long Spurred

We have been making a Speciality of these for some years past, and have grown at our Buckland Seed Farm all the best strains procurable. What we now offer is a selection from the best; all inferior colors and short-spurred types have been weeded out, only the choicest being saved for seed. The shades of color range from white and cream to yellow, red, and heliotrope; a more charming border flower it would be difficult to get. As they are hardy perennials, they should be sown in the early autumn in a nursery bed; transplant when large enough. If well grown and in good rich soil, they will bloom the following spring. Small packet, 6d.; large packet, 1s.

Aquilegia: Yates' Long Spurred.

Aster, Branching, Pale Yellow

A new color in this popular class of Asters, and one that will be much appreciated. It is a distinct delicate yellow. The flowers are very double, of fine shape, and abundantly produced. Per packet, 1s.

Aster, Branching, Pink, Banded White

A new and very beautiful Aster of the Hohenzollern type. The flowers are large and of fine shape, and the color is a pretty soft pink with a white band round edges of the petals. Plant is a strong vigorous grower. Per packet, 1s.

Coleus, Yates' Concord Hybrids

For a really choice strain of these favorite foliage plants, we cannot recommend too highly the seed we now offer. It has been raised at our Concord Seed Grounds, where we make a great speciality of them, and where we grew seventy distinct selected varieties last season; all inferior types and poor-colored forms being discarded. They range from the gorgeous large leaved exhibition varieties to the fringed and the smaller leaved sorts, which have such brilliant coloring. In the climate of Sydney, Coleus make extremely handsome border plants for summer bedding, and also excellent bush-house plants; but in cool climates they should be grown in pots under glass, or in a warm sheltered corner. It is a mistake to keep them through the winter, as they are difficult to keep alive, and are so easily raised from seed. This should be sown in the early spring, under glass, or on a hot bed. When large enough and the weather is warm, they may be planted out or moved into larger pots when wanted for specimen plants. They thrive in rich soil, with plenty of heat and moisture and a fair amount of light, and they should only be protected from the fiercest rays of the sun.

Large Leaved and other Exhibition Varieties — All colors, in splendid mixture. These give a magnificent and gorgeous range of colors and markings, and are robust growers. Per packet, 1s.

Fringed and Laciniated—These are a particularly fine class, almost as large in the leaf as the preceding, but deeply fringed and serrated, and are almost equal in color. Per packet, 1s.

Metalica—A variety of the large leaved class, having a distinctly metallic sheen. They are extremely handsome, the colors ranging from light brown to reddish purple on greenish ground. They are stately handsome plants. Per packet, 6d.

Collection of one packet of three varieties, 2s. Where they are required for bedding purposes, we can supply large bulk packets of each variety at 2s. 6d. each.

Cosmos, New Double, Pink & White

An excellent new strain, which will become a great favorite in our gardens. The centre of the flower is very double and prettily frilled, and is surrounded with a row of broad single petals, the effect being very dainty and attractive. This strain contains both pink and white in mixture. Seed ready autumn, 1914. Per packet, 1s.

Cineraria, Yates' Concord Hybrids

One of the finest strains of the large flowered type. They bear enormous trusses of large flowers in all shades of color. They are vigorous, hardy growers, specially recommended. Per packet, 1s. 6d.

Cineraria: Yates' Concord Hybrids.

Cyclamen, Low's Salmon King

This new color in the Giant Cyclamens ranks in England as the most popular of all the varieties. The beautiful salmon-pink color of the flower is even more delightful by artificial light when it glows, as does the Begonia, **Glorie de Lorraine.** The habit of the plant is compact, and it is a free bloomer. Per packet, 2s.

NOVELTIES & SPECIALITIES

Carnations,
Yates' Perpetual Flowering
(AUSTRALIAN SAVED SEED).

We have arranged with one of our local Carnation Specialists to save the seed of his very finest named varieties. They are cross fertilised by hand. Great judgment is exercised in this, with the result that these strains produce quite a large number of the very best double flowers, many of them equal to the best of the older named varieties, with the added charm of some slight variation in color and form. The raising of the choicest seedling carnation is a very absorbing hobby, which should only be undertaken by those who understand the growing of fine seeds, as, owing to their being so finely bred, the seeds are not strong growers, and require skill and experience to grow them to maturity. The seeds are of such high quality they are worth all the trouble that can be bestowed on them. This year we are offering three separate classes.

Best Champion Show Perpetuals

The finest strain of perfect non-bursting Carnations yet offered. We can offer the following distinct colors:—**Yellow Ground Fancies, White Ground Fancies, Selfs,** in yellows, pinks, reds, etc. **Lavender shades,** including lilac, mauve slate, wisteria blue, and bronzy lavender, or **All Sections in Mixture.** Each per packet of thirty seeds, 5s.

American Perpetuals

A very vigorous race, with long stiff stems, which make ideal flowers for cutting. They have extra large flowers, but as the petals are fringed, they are not suitable for exhibition. Mixed seed of all sections and colors. Per packet of thirty seeds, 2s. 6d.

Yates' Prize Strain English Saved Perpetuals.

Australian Show and Decorative Perpetuals

These are from the very best types, excepting the Champion Show Perpetuals mentioned previously, and will give a very good proportion of the finest double flowers. We can supply the following sections separately or in mixture:—**Yellow Ground Fancies, White Ground Fancies, Selfs** in white, red, pink, yellow, maroon, etc. **Bronze,** including bronzy red and bronzy yellow, or all sections in mixture. Packets of thirty seeds each, 2s. 6d.

Carnations
(ENGLISH SAVED SEED).

Yates' Prize Strain Perpetuals

This is an exceedingly fine strain of Perpetual Flowering Carnation seed, specially saved for us by one of the leading English growers. The blooms are all hand fertilised, and the seed is saved only from the very finest named varieties and specially selected seedlings. The illustration on this page will give some idea of the splendid type of blooms grown from this strain of seed. Per packet, 2s. 6d.

Dahlias, Cactus,
Yates' Special Strain

We are saving this at our Concord Seed Grounds from the very best and latest Exhibition varieties. We only gather the seed from varieties of very superior merit, many of them being hand-crossed. We have had phenomenal success with our Cactus Dahlia seedlings. A customer brought us in a couple of dozen blooms, each distinct, and most of them up to Exhibition form, which he had raised from one packet of our seed. We are continually improving our collection and discarding inferior varieties. Our strain of seed will give a most varied assortment of color, every tint usually found in the Cactus Dahlia being represented, also a number of incurved varieties. The seed should be sown thinly in spring in nursery beds, so that the plants may be transplanted when large enough without damaging the roots, or they may be raised under glass. They will flower the first year if sown early. Per packet, 6d.

NOVELTIES & SPECIALITIES

Dahlias, Pompone

We are saving at Concord seed from a good collection of English varieties of this favorite class. They are coming into favor again, as they are most suitable for cutting and border decoration, especially in small gardens. They come very true from seed, and our strain yields a large range of colors. Per packet, 6d.

Dianthus Heddewigii, Double Yellow

A new tint in the Annual Dianthus and a splendid addition to the other varieties we offer. The flowers are of a pretty light yellow shade, and about sixty per cent. of the seedlings come true. Per packet, 1s.

Freesia, New Hybrids

These can now be obtained in various colors, ranging from pink, red, lilac and violet, to yellow and orange, and are distinctly beautiful. The plants are vigorous growers. The cut flowers will keep fresh for quite a considerable time in water. The seed should be sown in the early autumn, and, with careful cultivation, will bloom the following spring. Per packet, 1s.

Gerbera, New Hybrids

We have been able to obtain a further supply of seed, which, our tests show, grows well, and we are pleased to be able to again offer this. They are hybrids of the favorite Gerbera Jamesoni, and include a great range of colors, from pure white through shades of pale yellow, red and salmon to orange rose, scarlet and crimson. The flowers are well formed and borne on long strong stems, making them admirably suitable for all kinds of floral decoration. Per packet, 1s. 6d.

GERBERA: NEW HYBRIDS.

SPECIAL NOTICE.

Since compiling our Novelty pages we have received a number of the LATEST EUROPEAN FLOWER SEED NOVELTIES, including a magnificent strain of "Red" Sunflowers, particulars of which will be found on the coloured inset following page 32.

Heliotrope, Queen Jolanda

This is an excellent, new, pure white Heliotrope, which should be grown by all lovers of this fragrant plant. The very large size, beautiful perfume, and snowy whiteness of the flowers, together with its robust growth and free flowering, are qualities which will be much appreciated, and which will, no doubt, ensure a place for it in many gardens. Per packet, 1s. 6d.

Maurandia Purpusi

This is a beautiful new, non-climbing perennial, with tuberous roots, which go to rest during the winter, coming up again in the spring In very cold climates it would be advisable to dig and store the roots through the winter. The short but graceful branches are densely covered with purple crimson flowers, which, contrasting with the light green foliage, make a very charming sight. Per packet, 1s. 6d.

Nemesia Strumosa, Extra Selected Large Flowered

(IN SEPARATE COLORS)

This beautiful annual is becoming a great favorite. A mass planted out in the open border makes a most gorgeous show during the late winter and spring. The flowers are very large and of the most brilliant colors. The strain we are offering this year is exceedingly fine and we can specially recommend it. We can offer the following colors:—Orange, creamy white, carmine, red, scarlet and striped. Each, 6d. per packet, or a Collection of one packet each of the six colors for 2s.

OUR STRAIN OF CACTUS DAHLIA SEED is unequalled and is being offered in England.

NOVELTIES & SPECIALITIES

Linaria, Macedonica Speciosa

A strikingly handsome hardy perennial Toadflax, which, when sown in the autumn, will bloom the first year. The vigorous plants produce their tall spikes of flowers in the greatest abundance. The flowers, which are one inch across and nearly two inches long, including the spur, are of a clear citron-yellow with a large orange-yellow spot on the lower lip. They are well suited to our dry climate, and should make a good show planted out in a sunny border. Sow in the autumn. Per packet, 1s.

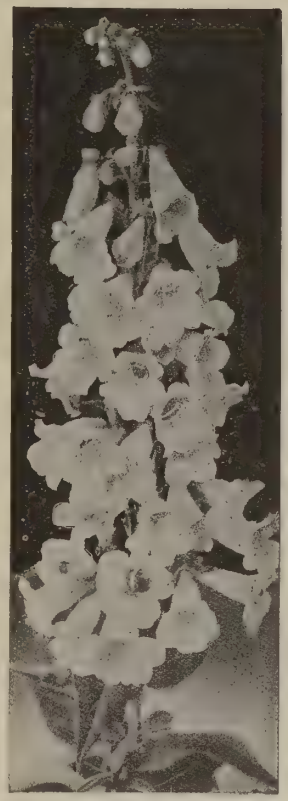
Phlox Drummondi,
Yates' Selected Buckland Strain

Every gardener will realise the importance of a really good strain of Phlox Seed, that will germinate strongly and give vigorous plants with large flowers, and a wide range of showy colors. Our seed will do all this, and will give every satisfaction when the imported seed usually sold is a complete or partial failure. We have specialised in Phlox Drummondi at our New Zealand Farm for some years past, and have discarded from our strain all but the most brilliant and showy colors and larger flowering varieties.

Many of the public parks in the different States order this seed from us every year, and we strongly recommend it to the attention of all horticulturists. Phlox seed can be sown any time during the spring and early summer, and in warm districts also in autumn. In climates similar to Sydney we recommend autumn sowing. Mixed colors, per packet, 6d.; extra large packets, 1s. In large lots, for bedding, 10s. per oz.

Pentstemon, Hartwegii Albus

In this splendid novelty we possess the first pure white, large flowering Pentstemon. The plants, which branch freely from the base, develop a brilliant green foliage and throw up numerous flower spikes thickly studded with large open blooms up to one-and-a-half inches across. The buds are of a creamy color, changing as the flower develops to a clear white. An excellent variety, both for cut blooms and bedding purposes. Per packet, 1s. 6d.



Pentstemon: Hartwegii Albus.

Many of our Specialities in Flower Seeds are grown on our own —Farms.—

Pentstemon, Yates' Selected,
Large Gloxinia Flowered

This is saved at our Concord Seed Grounds from a large collection of the very best named varieties, and has given the very greatest satisfaction, one customer telling us his seedlings were equal to the best of the named varieties, with a greater variety of color and marking. Pentstemons are perennials; if sown in March or April they will bloom the following summer. After flowering they should be cut well back, when they will throw up a fresh crop of flowering growths; they range in color through the various shades of rosy white, crimson, to purplish red; very shy seeders. Per packet, 1s. 6d.

Phlox Drummondi: Yates' Selected Buckland Strain.

NOVELTIES & SPECIALITIES

Pansies, New Princess Varieties

An entirely new class of these popular garden flowers. On account of their dwarfness and loose habit of growth, the ordinary pansies are often much damaged by heavy rain storms, and also very susceptible to the heat of the sun. These new pansies are of remarkable erect growth; the stems, which are unusually firm, rise vertically from the root. The laterals group themselves closely round the main stem, thus forming a close sheaf-like bush. This habit of growth gives both strength against heavy winds and rain, and protection against excessive heat. The blooms, which are produced very freely, for the most part belong to the large blotched (Cassiers) and frilled (Masterpiece) types. There is a good range of color. Per packet, 1s.

Pansy, Yates' Special Exhibition

This is a mixture of all our best "Show" strains, specially selected for exhibition purposes. Many of the brightest and most favorite varieties for ordinary garden culture are useless for exhibiting. These have been omitted, only those strains being included which give large sized blooms with good substance, regular markings, and full rich colorings. We confidently recommend this strain to our exhibiting customers. These choice pansies are not usually of strong germinating power, and the seed should be carefully sown under cover in February, March, or April for the best results. Per packet, 1s.

We also supply COLLECTIONS of the twelve Large Flowered Varieties offered on General Flower Seed pages (Yates' Exhibition Pansies) one small packet of each for 5s.

Petunias, Dwarf, Large Flowering Fringed

This is an excellent introduction, and should prove especially valuable for bedding and border work. The plants are very dwarf, growing only eight inches high, and, while branching freely from the base, remain quite compact. The large fringed flowers are borne in great profusion, and there is an excellent range of colors. Per packet, 2s

Salvia Splendens Bicolor

A new variety of this showy border plant, and one quite worthy of a place among the standard sorts. This strain includes really two variations, one having a pink calyx and scarlet corolla, and the other the reverse, a scarlet calyx and pink corolla. Both are exceedingly showy, and the combination is very effective. Per packet, 1s. 6d.

Zinnia, Giant Double Yellow

The superb collection of Giant Double Zinnias already offered by us will be greatly enriched by this new tint, which is a delicate buff, shaded yellow. The flowers are very double, almost globular, and grow up to six inches across. They come nearly all true from seed. Per packet, 1s.

Mr. G, SISTER, c/o Mrs. M. Barrow, Pingelly, W.A. 18th March, 1913.

"Your Giant Pansies cannot be excelled anywhere. Every seed grew, and the colors are beautiful."

PULLINGER & SON, Mullumbimby. January 30th, 1913.

"The Phlox seed I got from you has been the greatest success I have ever witnessed. They are now in bloom, a row of them sixty-six feet long, and they stand eighteen inches high and twenty-four inches through. They have been in flower for six weeks."

Mr. JAMES HASTINGS, Silkstone, Ipswich, Q.

"I have taken five firsts with your Dianthus, but the last packet is the best I ever saw."

VERBENA HYBRIDA.

Zinnia, Giant Double, Plenissima Grandiflora Robusta

New colors:—White, Flesh, Crimson, Scarlet, Sulphur Yellow, Golden Yellow, Violet, and Purple. This new strain of Giant Double Zinnias, in separate colors, should prove extremely popular in New Zealand gardens, as they succeed well in hot dry weather, and require warm weather to bring out their brilliant colors. The plants are of robust habit, and throw up long firm stalks crowned with immense flowers, sometimes measuring five to six inches across, which are nearly all very double. For showy groups and borders these Zinnias are unrivalled.

Collection of the above eight colors, 2s.

See also Pages 27 to 32.

A Glorious New Sunflower.

THE "RED" SUNFLOWER.

We have been fortunate in securing a parcel of seed, saved in the Auckland district, from the original stock of this magnificent strain of Sunflowers, which marks a distinct advance in this already popular flower, and will be eagerly sought after by all flower lovers. The term "Red" Sunflower, although applied to this strain by the raiser, in order to distinguish it from the older strains, is somewhat misleading to those who expect to obtain a bright and vivid scarlet, as the colouring in the strain varies, the deepest being of that rich velvety crimson brown shade found in some Coreopsis. In habit, this new strain combines the branching form of the well-known Miniature varieties with the height of the taller sorts, thus producing a splendid border plant which at once attracts attention, and when in flower provides a wealth of blossom which commands admiration. The flowers vary in size, colour, and form, which gives an added charm to the strain by the diversity which the grower thus obtains.

Measuring in size from 4 to 8 inches across, with a Gaillardia-like appearance in the dark central disc and arrangement of petals; the colour varies from rich velvety crimson brown to orange shaded deep brown; some of the flowers are yellow, edged with brown, others have a broad band of colour in the middle of the petals, while others again have the colour zone at the base of the petals bordering the disc.

This strain is as easily raised as the ordinary Sunflowers, is just as hardy, and consequently should be in every garden this coming Summer. The seed is best sown during the late Spring months, say about October and November, except in sheltered and northern districts, when earlier sowings can be made.

The blooms are splendid for cut purposes, lasting well in water if picked just before they reach their full development. Price, per packet, 1s.

DERWIN A. LEE, "Belvoir," Lower Hutt.
Feb. 24th, 1914.

"Dear Sirs, The Phlox I had from you has made a beautiful show, and I am exceedingly pleased with it."

Mrs. A. BRANKS, Winton.
9th March, 1914.

"I might say that the Orchid Xd. Sweet Peas I got from you (through our local storekeeper) are beautiful just now, and are very much admired."

1914 NOVELTIES & SPECIALITIES

See also Pages 27 to 35.

SEVEN LATEST EUROPEAN NOVELTIES.

ASTER: HOHENZOLLERN TYPE.

Aster Hohenzollern, Dark Scarlet—A magnificent and most telling shade of colour in this splendid class, its long petals curled and twisted in an erratic manner, giving the flowers a charming and irregular effect, which renders them valuable for either cutting or garden decoration.
Per packet, 1s.

Begonia Hybrida Fl. Pl. Pendula—A most effective variety for hanging baskets, of pendulous or drooping habit; bearing freely narrow long-petalled flowers of pink, salmon and red shades. Fully 70 to 80 per cent. of the seedlings produce double flowers. An extremely pretty novelty in this class of flower.
Per packet, 2s.

Dimorphotheca Aurantiaca Hybrida Flora Pleno—A superb strain of double and semi-double varieties of the Hybrids introduced two years ago. The shades of colour are as numerous as in the singles, ranging from white to light and dark yellow, and from salmon-rose to orange. About 50 to 60 per cent. can be relied upon to come true from seed.
Per packet, 2s.

Poppy Double Ranunculus, Salmon Shades—The Double Ranunculus Poppies are remarkable for their great freedom of bloom and the ease of their culture, which places them within everybody's reach. These salmon shades range from the most delicate light salmon-rose to brilliant salmon-orange, and present a most delightful effect, whether in the open border or in vase, where they will last several days if cut when just opening.
Per packet, 1s.

Pyrethrum Hybridum Roseum Nana Compacta—A Dwarf Perennial Pyrethrum, which forms compact bushes, bearing profusely white, flesh, rose, and red-coloured flowers. These dwarf hybrids grow about 12 inches the first year, and in the second about 20 inches only, and are eminently adapted for bedding or border work.
Per packet, 2s.

Schizanthus Wisetonensis Albus (Bridal Veil) — A pure white variety, which comes true from seed. About 16 inches in height, the compactly-formed bushes are literally covered with round, glistening, snowy white blossoms, which present a striking contrast with the bright fresh green of the finely laciniated foliage. Makes a splendid pot plant of handsome and graceful appearance.
Per packet, 1s. 6d.

Verbena Hybrida Compacta, Salmon Queen — A dwarf, compact Verbena, with upright habit of growth, bearing well-developed trusses of bright salmon-red flowers. Will be found most effective for bedding or ribbon border work.
Per packet, 1s. 6d.

HOW to have Sweet Peas in Bloom for Eight Months of the Year.

CULTIVATION OF YATES' Australian Early Flowering Spencer Sweet Peas.

CULTIVATION. The successful cultivation of Yates' Australian Early Flowering Spencer Sweet Peas is so simple that almost anyone can grow during eight months of the year perfect flowers of giant size, with long firm stems, provided they treat them as follows.

SITUATION. Any free, open, well drained soil will suit Sweet Peas, but it is necessary that the roots should be able to go down two feet or more, so the land should be trenched to at least this depth two or three months if possible before planting time. They should be grown in the sunniest part of the garden, they will not do any good in complete shade; a trellis facing north suits them admirably, or they do well in rows in an open situation planted north and south so that the sun catches them on both sides. They lend themselves to being planted either in long rows or in pillars four feet apart in the borders. These latter are conveniently made by driving in a couple of six foot stakes two feet apart and surrounding them with wire netting. A good dressing of cow or stable manure should be worked into the soil right to the bottom of the trench, bonedust and wood ashes being also added. If the soil is heavy clay it will require lightening and a good dressing of air slaked lime a few months before preparing the Sweet Pea bed would be very advantageous. On no account, however, should this be added at the same time as the bonedust, stable or cow manure. Air slaked lime is very beneficial to Sweet Peas, and a surface dressing while the plants are growing helps to keep them free of disease as well as discouraging slugs and snails. Drainage is absolutely essential, and if necessary a pipe or rubble drain should be put in to prevent any of the trenched land becoming waterlogged, this being fatal to Sweet Peas as well as to most other plants.

TIME OF SOWING. In similar climates to Auckland and where continuous heavy frosts are unusual we strongly recommend early planting, so that the Peas can be had in bloom during the autumn, winter and spring months. In such places the first sowing may be made in January or February, a second in March or April, and a third sowing in the early spring. Really fine blooms are only produced on young plants, and to get the best results and for a succession of blooms lasting for eight months three sowings should be made. In colder climates we would recommend two sowings only, the first in March or April, and the second in the early spring for summer flowering. Sow the seeds three inches apart, and if the finest blooms are wanted the plants should be afterwards thinned to six inches apart. As soon as they are four inches high a few brushy sticks must be supplied, as it is necessary that the young tendrils should get a firm hold of some support as early as possible and so protect the plants from injury from strong winds. Where long stakes are procurable they are most suitable for permanent support, but we find that wire netting of four inch mesh is admirably suitable and not expensive, whatever support is supplied it should not be less than six feet high for Yates' Australian Early Flowering Spencer Sweet Peas.

AFTER TREATMENT. Taking it for granted that our instructions in first forming the bed have been followed, the plants will require no further manuring, in a general way Sweet Peas do much better without any forcing treatment. All the attention they require is regular watering in dry weather, a spray also each evening over the foliage helps them immensely and keeps down red spider and thrips. They will, if sown in January or February, commence to bloom within eight or ten weeks of sowing, and if the flowers are regularly picked, as they should be to get the best quality blooms, they will continue to flower throughout the late autumn, winter and early spring, the second sowing will then take their place, to be followed in the early summer by the ones sown in the spring. During the winter season they do not set seed, and picking the blooms regularly is not so essential, but as soon as spring comes on it is absolutely necessary to keep the flowers regularly gathered if the plants are to last any time in bloom.

As Yates' Australian Early Flowering Spencers take so little time to come into bloom, and as they are very much more vigorous than the older Summer Flowering Spencers, they are really much better suited to the climatic conditions of Australia than any other Sweet Peas. The older types, instead of flowering in two or three months, take at least six months to come to their flowering stages, and frequently during this long period they are so checked by adverse conditions of drought and dry winds that when coming into bloom they have very little vigor left in them, and the results are often most disappointing.

With the advent of our new race of Australian Early Flowering Spencers, all the difficulties in the cultivation of Sweet Peas in warm countries have disappeared, even in such favored climates for Sweet Pea Culture as England and New Zealand, our new Australian Early Flowering varieties will give a six weeks season in bloom before the older types come into flower.

The quality and size of bloom and the length of stem of our best Australian Early Flowering Spencer Sweet Peas are quite equal to the older type, and we hope within a few years to be able to offer as large a range of colors. At present we have over forty distinct varieties under test and continual selection at our Concord Nursery.

We again wish to emphasize the fact of our Australian Early Flowering Spencers being equally suitable for spring and summer flowering as they are for autumn and winter. With three plantings Sweet Peas can be had in bloom for eight months in the year.

SELECTING SEEDLINGS IN OUR SWEET PEA "WORKSHOP" AT CONCORD TRIAL GROUNDS.

Yates' Australian
(YARRAWA TYPE).

THIS MAGNIFICENT NEW STRAIN of EARLY FLOWERING SWEET PEAS originated from an early "sport" which appeared in a line of ordinary Summer Flowering Spencer Sweet Peas in a Sydney garden four years ago. We obtained the whole of the stock, and introduced it as the now celebrated YARRAWA SPENCER.

This splendid variety has been an unqualified success, both on the show bench and as a garden variety. Its fame has spread all over Australia, even to United States of America, South Africa, New Zealand, and elsewhere.

As soon as we obtained this new Early Flowering Spencer, we at once commenced hybridising these with the best of the older winter flowering varieties. This proved a most tedious and laborious process, but by dint of careful and patient cross fertilization and selection, we have succeeded in producing the superb varieties offered in these pages.

We have also in course of selection in the Sweet Pea "workshop," at our Concord Trial Grounds, a large number of exquisite seedlings, which we hope to send out in a year or two.

Happily, our New Early Flowering Spencer Sweet Peas have retained in a marked manner the exquisite perfume which is so lacking in the majority of the late Summer Flowering Spencers.

These Sweet Peas are equally suitable for spring and summer flowering, as they are for the autumn and winter. With three plantings Sweet Peas can be had in bloom for eight months in the year. See full cultural directions on the preceding page.

Early Flowering
SPENCER SWEET PEAS

WE OFFER FOR 1914:

YATES' WHITE AUSTRALIAN
(A White Yarrawa).

A Sterling Novelty. It is a real white Spencer, of immense size and beautifully waved. A vigorous grower and very free flowering, bearing nearly always four large blooms on a long stout stem. Equal in size and form to the very best of the late flowering varieties, but has the immense advantage of coming into bloom in from six to ten weeks from sowing. Per packet, 1/-

YATES' CONCORD METEOR.

A Spencer form of the old favourite Meteor, and of the same striking shade of rich crimson. The blooms are much larger than the old Meteor, and are beautifully waved and frilled. The best Early Red Spencer yet offered. Per packet, 1/-

YATES' CONCORD PURPLE.

On first opening the flowers are a delightful shade of mauvy purple. As the flower expands it becomes a deep purple blue, and finally almost a pure deep blue. The flowers are enormous, of perfect Spencer form, and of great substance, and are carried well on long stiff stalks. Per pkt., 1/-

YATES' CONCORD BLUSH SHADES.

Produces immense blooms of great substance and of the best Spencer form. The colours range from almost white, through blush and creamy pink, to deep pink. Specially suitable for table decoration. Per packet, 1/-

YATES' CONCORD ROSE SHADES.

It is really complimentary to the above strain, and contains every tint from pink through deep pink and rose to light red. The flowers are of splendid Spencer form, large size, and great substance. Per packet, 1/-

YATES' YARRAWA SPENCER.

We were the introducers of this sterling variety, which was the first of our New Australian Early Flowering Spencer Sweet Peas. For all but very cold districts it is rapidly becoming one of the most popular varieties grown. The colour on opening is a rose, changing as the flower develops to a light pink standard, tinted buff, with blush wings—a delightful combination. The blooms are very large, beautifully waved, and of great substance. Per large pkt, 1/-; per small pkt., 6d.

YATES' CONCORD HYBRIDS.

All small flowered and hooded varieties have been eliminated, and these Hybrids will produce fine large blooms, many of them of the very best Spencer form, in all shades of colour, from white through blush rose and lavender shades to purple, carmine and red. These Hybrids are very strongly perfumed. We claim this to be the best mixed strain of all colours of Early Flowering Sweet Peas offered.

Per large pkt., 1/-; per small pkt., 6d.

SPECIAL OFFER.

We will supply one packet each of the above varieties for 5/- Post Paid.

To obtain the best results use our

Yates' Special Sweet Pea Manure

PRICE 1/- TIN, Postage Paid.

112 lbs.	56 lbs.	28 lbs.	14 lbs.	7 lbs.
30/-	16/6	8/6	5/-	3/-

CARRIAGE EXTRA.

Choice Flower Seeds

For List of CLIMBERS and CREEPERS, see pages 71 & 72

The following Flower Seeds are a selection of the best varieties for Australian and New Zealand gardens. No expense has been spared to secure the very best exhibition strains, and they are all of tested growth. As many varieties require a certain amount of skill and experience to bring them to perfection, we would recommend amateurs to write for "Yates' Gardening Guide," which we will send on receipt of threepence in stamps to cover the cost of postage.

For List of NOVELTIES and SPECIALITIES, see pages 27 to 35

Abronia (Sand Verbena) Charming hardy annual trailing plants, suitable for hanging baskets or sunny situation in rockery. They thrive in dry poor soil. Sow in the autumn.

	Pkt.
Umbellata Grandiflora—Pure rose, 6 in.	0 3

ABROBRA VIRIDIFLORA—See Creepers, p. 71.

Abutilon (Lantern Flower) A pretty flowering shrub; hardy, except in cold climates, where they grow readily under glass; the elegantly drooping bell-shaped flowers are beautifully veined and striped; the seeds should be sown under glass or in a warm, sheltered situation in warm weather; they require a sunny situation when planted out.

Hybridum Maximum (Giant Flowered) Have immense flowers measuring up to three inches across. The colors range from pure white and cream to delicate rose, sulphur yellow, and deep orange. The seedlings commence to bloom when five or six months old, and make highly decorative plants the first year. 1 0

Finest Mixed New Hybrids 0 6

Acanthus (Bear's Breech) Stately perennial border foliage plant, native of Portugal. The leaves are very large and palm-like, handsome bright green in color, and very suitable for specimen plants. They need a deep soil, and will do well under the shade of trees, where few other plants will succeed, as well as in the open borders. Sow in the autumn.

Lusitanicus 0 6

Achillea Ptarmica (White Pearl) Hardy perennial of the easiest culture, with pure white double flowers, particularly useful for cutting. Sow in the autumn. 2 ft. 0 6

Acroclinium Lovely everlasting flowers, valuable for cutting. They are semi-double hardy annuals. Best sown in the autumn. Plant out in a sunny border.

Roseum—Bright rose, with yellow centre 0 3

Adonis Hardy annual. Very pretty border plant. Sow in the autumn.

Æstivalis (Flos Adonis)—Crimson, 12 in. 0 3

Aquilegia: Yates' Long Spurred.

Ageratum A lovely dwarf bedding plant, for edgings or small beds. Sow in the autumn. Hardy annual. Pkt.

Imperial Dwarf Blue—6 in. 0 3

Agathea A pretty perennial, native of the Cape, with charming blue Aster-like flowers, which are produced in great profusion. They are hardy in all except very cold districts, where they should be grown in pots and sheltered during the winter. They like a sunny situation. One of the showiest of our border flowers. Except in very cold districts sow in autumn. Pkt

Cœlestis—Blue, with yellow centre; 18 in. .. 0 6

Alonsoa Hardy annuals; in warm climates they are perennial. Very pretty dwarf plants, throwing up spikes of beautifully tinted flowers. Sow in the autumn.

Warscewiczi—Brilliant scarlet, 18 in. 0 3

Albiflora White, 11 in. 0 3

Grandiflora Chamois—Salmon tints, 18 in... .. 0 3

Collection of one packet each of three varieties 0 6

Anagallis A lovely dwarf annual, for edgings and rock work; hardy. Sow in autumn.

Grandiflora—Mixed, blue, scarlet, and lilac, 6 in. 0 3

Aquilegia (Columbine) These are among the most beautiful of all hardy perennials; they thrive in a moist open border. Sow the seed in March or April in seed pan or shady bed and transplant when large enough.

SPECIALITY—Yates' Long Spurred, see page 28.

Cærulea—Violet blue, white spurs 0 6

Cærulea Candidissima—The entire bloom is of a uniform snowy whiteness, and is just as large as others of the Cœrulea type .. 1 0

Californica Hybrida -- Large yellow flowers, orange spurs 0 6

Chrysantha—Golden yellow, long spurs. 30 in. 0 6

Chrysantha, Grandiflora Alba—White 0 6

Chrysantha, Lutea—Soft Yellow 0 6

Clandulosa Vera—Deep azure blue, white corolla, 12 in. 0 6

Skinnerii—Scarlet, tipped with green, very handsome 0 6

Mixed Common Varieties—Mostly double and semi-double 0 3

Collection of eight choice varieties.. .. 2 0

Alyssum Pretty dwarf plants for edgings, borders and rock work. Sow in the autumn. Pkt.

Odoratum (Sweet Alyssum)—White and very fragrant; 6 in. Hardy annual 0 3

Saxatile (Golden Alyssum)—Perennial, yellow, 6 in. 0 3

Anemone: Coronaria, Single.

Amaranthus

Magnificent border plants, with the most brilliant foliage. To obtain the best results, a few seeds should be sown in October, where they are intended to grow. Afterwards thin out, leaving the most promising for color; give plenty of manure and water during the growing period. They should be planted out in the sunniest border in the garden; the more sun the more brilliant the color. They will make a gorgeous show in the autumn. Half-hardy annuals.

SPECIALITY—Yates' Concord Hybrids, see page 27.

Salicifolius—Narrow, graceful foliage, shading scarlet, half-hardy annual, 3 ft. 0 3

Henderii—Beautiful bronze and red foliage half hardy annual; height 3 ft. 0 3

Tricolor Splendens (Joseph's Coat)—Foliage splashed with scarlet, crimson and gold .. 0 3

AMPELOPSIS—See Creepers, page 71.

Ammobium Hardy annual. Everlasting flower, suitable for borders. Sow in the autumn. Pkt.

Alatum—Bears large white flowers, 2 ft. 0 3

Anchusa **(Cape Forget-Me-Not)** A lovely hardy biennial, does well in any soil with sunny situation. Sow in the autumn.

Capensis—Has intense blue flowers, 12 in. 0 3

Anemone **(Windflower)** Lovely spring flowering perennial plants, of which we also offer the bulbs They are, however, easily raised from seed. Sow in summer and early autumn (January preferred) thinly, in nursery beds, and, when large enough, prick out into beds where they are to flower, or they may be sown thinly in open borders. Sown early, they will bloom the following spring. Anemones will not stand drought, and to get the best results the borders should be mulched and watered if necessary. In the warmer climates of Australia we would recommend that they be planted in a bed with an easterly aspect, so that they will get partial shade; they also require shelter from strong winds.

Coronaria, Mixed Single—Most brilliant and varied colors, 9 in. 0 6

Coronaria, St. Brigid, Yates' Prize Strain—A distinct strain of the most brilliant and striking colors, most of the flowers being semi-double; a splendid class, 9 in. 0 6

Sylvestris—A lovely white-flowered perennial, like a miniature Anemone Japonica, suitable for growing in moist shady borders The flowers are pure satin white, borne on long stout stems and droop gracefully, one and a half inches across, and very fragrant... ... ... 0 6

Anomatheca Cruenta Beautiful bulbous plants, with small carmine crimson flowers, 12 in. Sow in early autumn 0 6

Antirrhinum

(Snapdragon) These are most lovely flowers for spring and summer blooming. They stand the hot dry weather better than most flowers, and when in full bloom make a gorgeous show. They will grow and flower luxuriantly in dry sunny borders and banks where few other plants will grow. It is advisable to cut all dead flowers off to prevent seeding and encourage further blooming. Hardy perennials. They do best sown in the autumn.

NOVELTY—Antirrhinum Venus, see page 27.

Yates' New Semi-dwarf Large Flowered—A special new strain, especially suitable for bedding and border work. They do not grow so tall as the old variety, but form bushes 12 to 15 inches high, which are covered with bloom. All the most brilliant colors in mixture, including the lovely new rose shades 0 6

Tall Mixed—Giving a great variety of colors 0 3

Collection of six separate colors 1 6

Collection of twelve separate colors 2 6

Tall Striped—A splendid strain... ... ... 0 3

Tall, Pure White—Unequalled for cutting 0 3

Golden Queen—New large flowering variety, effective; does not always come true to color 0 6

Yates' Tom Thumb—Mixed colors, dwarf, for bedding. These will give a wonderful blaze of color. We have eliminated all inferior tints ... 0 6

Tom Thumb Mixed—Good mixture 0 3

Collection of six separate colors of Tom Thumb varieties for bedding 1 0

Antirrhinum: Yates' Semi-Dwarf, Large Flowered.

Aster: Semple's Late Branching.

Arctotis

A beautiful new annual from South Africa, growing well in our climate, and forming compact bushes two to two and a-half feet high. It is of the easiest culture, and may be sown from early spring till the autumn. They require a sunny border. Pkt.

Grandis—The flowers, which are white, are produced on long stems, and are two and a half to three inches across, the petals are pale lilac on the reverse side, the centre disc is light blue, making a striking contrast of colors 0 6

ARISTOLOCHIA ELEGANS—See Creepers, page 71

Armeria Cephalotis (Giant Thrift) Pkt.

A magnificent perennial, with large bright rose heads of flowers, very useful for cutting. Thrift is a very favorite border flower in England, much used for edging. Sow in the autumn in a shady seed bed 0 6

Arnebia Cornuta

Very handsome hardy annuals, producing an abundance of spikes of golden flowers, each having five large black spots, shading to maroon, and giving a succession of bloom all the season; two feet high. Sow in autumn or spring 0 6

BIGNONIA TWEEDIANA—See Creepers, page 71

Asters

All the Asters are half-hardy annuals, but in tropical climates succeed best sown in early autumn for winter and spring blooming; in Sydney, and in all mild and cool climates, they should be sown in spring only, the best results being obtained from September and October sowing. They require rich well-manured, open soil, and to be kept well watered and mulched in dry weather. Aster seed is one of the worst keeping of all flower seeds; when sowing in the spring, it is advisable to sow thickly. We are saving quite a quantity of this seed on our Concord seed grounds. This local seed grows strongly. Pkt.

NOVELTIES—Branching, New Yellow, and Pink (Banded White), see page 28.

Single Large-Flowering China—A grand variety for cutting, the flowers are very large, and of the most varied and attractive colors .. 0 6

Ostrich Plume—A grand strain of Asters, producing immense blooms with elegantly curled petals, resembling a Japanese Chrysanthemum. We offer eight colors, either separately or mixed 0 6

Collection of six separate colors 1 6

Vick's Late Branching—A late but tall, vigorous-growing variety, which does well even in our warmer districts in any shady situation. They make good-sized bushes, branched from top to bottom, and covered with lovely pure white flowers, borne on long stems. Succeeds particularly well in Sydney 0 6

Hohenzollern—This is considered the grandest Aster ever introduced; tall branching, and bears on very long stalks flowers of mammoth size. The flowers, which may be cut with stems nearly two feet long, are very large. They are extremely double and the petals beautifully curled, greatly resembling a large flowered Japanese Chrysanthemum. In five separate colors, white, crimson, rose, azure blue, and rosy lilac, or all colors mixed .. .. each 0 6

Semple's Late Branching—Similar in habit to Vick's Branching Aster, but the large showy flowers are all the delicate shades of crimson, pink and blue, including white. Mixed 0 6

Collection of six separate colors 1 6

Truffauts Perfection—In mixed colors, beautiful globular flowers, with incurved petals 18 in. 0 6

Truffaut's Perfection—Pure White 0 6

Collection of twelve separate colors .. 2 6

Collection of six separate colors 1 6

Aster:
Single Large Flowering China

Artemisia Gracilis

A graceful hardy annual, with pretty foliage and light feathery flowers. Much used in England for bouquets. Sow in the autumn ... ... Pkt. 0 3

Aubrietia

Hardy perennial evergreen trailers. Of dense habit; they make splendid rock plants, as well as being particularly good for border decoration. Sow in the autumn.

Græca—Rich Purple Trailer 0 6
Purpurea—Deep purple 0 6

Asters (continued)

Pkt.

Victoria—Finest mixed colors, in this variety the petals are re-curved and over-lapping; 18 in. 0 6
Collection of twelve separate colors .. 2 6
Collection of six separate colors 1 6
Dwarf Victoria—Finest Mixed, 9 in. 0 6
Triumph Scarlet—A fine dwarf Pœony-flowered variety; excellent for bedding 0 6
Giant Comet—New, flowers have curled petals similar to a Japanese Chrysanthemum; one of the prettiest grown. We are offering a specially large-flowered strain.. .. .. .. 0 6
Collection of twelve separate colors .. 2 6
Collection of six separate colors 1 6
Unicum—This variety is distinguished by its long filamentous petals, which extend regularly on all sides, and are wonderfully curled in the centre. It is excellent for cut flowers. There are at present four colors, white, flesh, pink and crimson. We offer them mixed 1 0
Snowball—Small Pompone variety; the plants produce as many as thirty pure white flowers of faultless form.. .. .. 0 6
German—Mixed colors, 12 in. 0 3
Queen of the Market—Good mixed colors; one of the earliest 0 3
Collection of five separate colors 1 0
Perennial Aster, or Michaelmas Daisy — New large flowered, lovely autumn perennial, 3 ft... .. .. 0 6

Auricula

These plants grow best in partial shade, and in climates where English fruits thrive; they love a moist cool situation. They are worth taking trouble to give them a proper position, as the flowers are extremely beautiful and very rare. We do not recommend these plants for hot climates. but they do very well with us at Exeter in a shady damp border facing south. The seed should be sown during February, March, or April in a seed pan kept in a cool shady frame. The seed takes a considerable time to germinate, and the plants continue to show up at intervals, so care should be taken to keep them regularly watered and free from snails and wood lice.

Alpine—Mixed colors, very fine strain 1 0

Bartonia

A hardy annual border plant.

Aurea—Golden flowers and ornamental foliage.. 0 3

Bocconia

(Tree Celandine) Handsome hardy perennial foliage plants, for large borders; resembling a Poppy.

Microcarpa—Splendid specimen plant 0 6

Boronia Megastigma

Pkt.

(The Sweet-Scented Boronia) Requires a sandy, peaty soil, and a cool, most climate. Sow in a seed pan or box in a cool shady situation 0 6

Brachycome

(Swan River Daisy) These are charming dwarf plants, with lovely Cineraria-like flowers, a native of Western Australia, and suitable for hot dry sandy situations. Sow in the autumn or spring.

Iberidifolia Mixed—White and blue, 6 in. 0 3

Browallia

Pretty hardy border annuals.

Elata Mixed—Blue and White, 18 in. 0 3
Jamesoni — Handsome evergreen shrub. It produces bunches of bell-like flowers of a lovely shade of orange.. .. .. 1 0
Speciosa Major — A very handsome flowering shrub, growing in warm and semi-tropical climates. It produces innumerable large bright violet-blue flowers, relieved by a white throat; constant bloomer 1 0

Aster:
Hohenzollern.

Begonia, Tuberous Rooted

Very choice Double and Single. A remarkably fine strain, containing all the best colors and markings, including the new Single with white centres; they are saved by the best European growers. See "Yates' Gardening Guide" for instructions for cultivation; they can only be raised successfully under glass. For tubers for planting see Bulbs, page 77. Pkt.

Double or Single—Separately, small packet, 1s. 6d. 2 6

Mixed Double and Single—Small packet 1s. 6d. 2 6

New White Centres Single—Small packet 1s. 6d. 2 6

Cristata, Mixed Colors—These are the lovely crested Begonias 2 6

Single Frilled (Crispa), Mixed Colors—The edges of the shell-like petals are beautifully frilled and serrated. Colors: from scarlet and crimson, through cream and white to yellow and salmon .. .. 1s 6d. and 2 6

Semperflorens—A selected strain of these beautiful herbaceous bedding plants, saved at our Concord Nursery, containing ten of the best varieties of white, rose and red shades in mixture 0 6

Semperflorens Nana Compacta — A much dwarfer strain than the above, making it more suitable for bedding. The flowers have the same range of colors 0 6

Gracilis, Prima Donna—A new bedding variety. Grows ten inches high, forming dense bushes which are covered with rose-colored blooms 1 0

Gracilis, Bonfire—This is a new shade in the beautiful Bedding Begonias. The flowers, which are carried well above the handsome metallic brown foliage, measure up to one-and-a-half inches across, and are of a lustrous carmine scarlet, which is well set off by the prominent golden yellow stamens. An excellent introduction 1 0

Double Tuberous, Lafayette Hybrids—These splendid new hybrids are especially attractive on account of the brilliancy of their foliage, which is metallic dark brown, streaked with broad veins of olive green. This makes them highly ornamental, even before their blooming period. The flowers, which measure up to one-and-a-half to two-and-a-half inches across, are held well above the leaves, and appear chiefly in scarlet and similar shades. About 75 per cent. of the flowers come double 2 0

Balsam: Yates' Superb Double.

BRYONIA ALBA—See Creepers, page 71.

BRYONOPSIS LACINIOSA—See Creepers, page 71.

BUTTERFLY RUNNING BEAN—See Creepers, p. 71

Calandrinia

(Rock Purslane) Pretty hardy annuals, for rock work or dry situations. Sow in the autumn. Pkt.

Speciosa, Mixed—Purple and white, 6 in. 0 3

Balsam

To grow the best Balsams, they should be sown late in spring in nursery beds, and pricked off when in rough leaf and transplanted into their permanent positions; they thrive in rich moist soil. We save most of the choicer Balsam seeds on our own farms, the quality being superior to imported seed. Pkt.

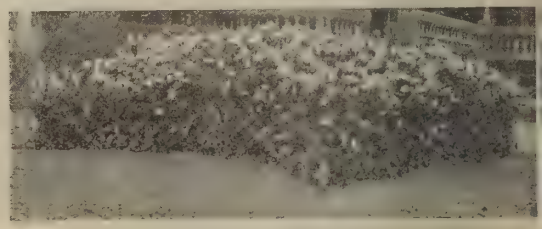
Coliath—A giant in Balsams. Chamois rose flowers, 4 ft. 0 6

Yates' Superb Double Rose and Camellia Flowered—Extra fine mixture of both these classes in all colors; one of the finest summer flowering annuals 0 6

Collection of eight distinct colors .. 2 0

Collection of six distinct colors 1 6

Balsam—Good mixed 0 3



Begonia Gracilis.

Bellis Perennis

(Double Daisy or Billy Button)

These are very easily raised from seed, and if planted in a shaded, damp situation, in cool climates, they will last for years. Our seed is of the very best quality, and will give a great proportion of large double flowers. Sow in seed pan or box in February, March, April, or early in May, and keep shaded till up, then transplant into nursery beds till large enough to plant out. In warm climates, such as Sydney, they should be raised from seed each year, as seedlings are more vigorous and flower better than old plants.

SPECIALITY—Bellis Perennis Monstrosa, page 27.

Finest Mixed—Magnificent strain; very small packet, 3d. 0 6

Longfellow—Large dark rose, borne on long stiff stalks 0 6

Snowball—Pure white, like the preceding 0 6

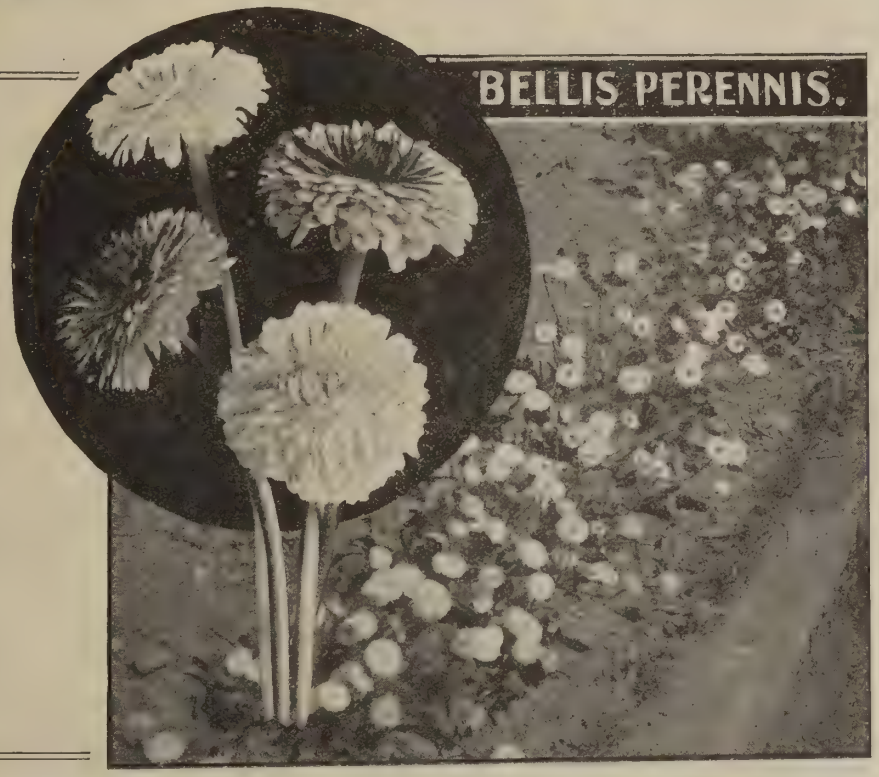
Yates' Prize Mixed—A mixture of all the finest large flowered varieties 0 6

Callirhoe

(Poppy Mallow) Elegant hardy annuals, with saucer-shaped flowers, very attractive for borders. Soak the seed before sowing. Thrive in poor dry soils.

Pedata—Glowing carmine, white centre, 2 ft.. 0 3

CHOICE FLOWER SEEDS. 1914



FOR GRAND NEW VARIETY OF

BELLIS PERENNIS,

SEE NOVELTY PAGE 27.

Calceolaria Lovely greenhouse perennials. They have the most gorgeous blooms, but as they are difficult to manage only expert amateurs or professional gardeners should attempt to grow them. The seed should be raised in a pan in February, March or April, and when large enough plant out in pots, re-potting two or three times as required. They like plenty of air, but should be partially shaded from direct sunlight, and kept as cool as possible in warm weather. They are very subject to thrip and green fly; smoke with tobacco for these pests.

	Pkt.
Hybrida, Yates' Superb Strain—Mixed colors; a selection of all the finest exhibition sorts	2 6
Hybrida, Neill's Superb Strain—All colors and markings	1 6
Shrubby (Rugosa)—Yellow variety, useful for bedding	1 0

Calliopsis (Coreopsis) Very showy, hardy border plants; they continue to bloom through the hottest weather, and are much prized for cutting. They are hardy annuals, except C. Lanceolata and C. Grandiflora. They can be sown either in autumn or spring.

	Pkt
Drummondi—Yellow and crimson; 2 ft.	0 3
Tinctoria—Yellow and brown, very handsome; 2 ft.	0 3
Cardaminifolia—Mixed dwarf, compact, brown and yellow; 12 in.	0 3
Lanceolata—Sometimes called Yellow Cosmos, a lovely golden yellow flower; hardy perennial; 2 ft.	0 6
Grandiflora—Perennial, remarkably fine border plant; has large single yellow flowers; excellent for cutting	0 6

CALAMPELIS SCABRA—See Creepers, page 71.

Calendula (Pot or Cape Marigold) Very showy hardy annual, for borders, with gorgeous blooms.

	Pkt.
Officinalis Meteor (Pot Marigold) — Double, apricot orange	0 3
Pluvialis (Cape Marigold) — Large, single white Marguerite-like flowers, with yellow centres, the under side of petals rich maroon, 1 ft.	0 3

Campanula (Bell Flower) The following are suitable for either the herbaceous border or for pot culture in the bush-house or window garden. In England they are very largely used for conservatory decoration, and are most effective when in full bloom. The Pyramidalis makes a splendid specimen plant five feet high; the Carpatica is a small, compact bushy plant, six inches high; and the Fragilis is a lovely trailer, suitable for hanging baskets, pots, or rock work. They are each covered with bloom during their season, and are most beautiful. They bloom the second season after sowing, and are perennials. Sow in the autumn or early spring.

Pyramidalis—Blue and white mixed	0 6
Fragilis—Blue, lovely trailer for baskets or rockery	0 6
Carpatica—Blue and white mixed. Dwarf and compact	0 3
Collection of three varieties	1 0

Canna (Indian Shot) The strains we offer are mostly dwarf in habit, early bloomers, and are remarkable both for size and beauty of flowers and foliage; the seed should be steeped in hot water before sowing in a box or nursery bed, afterwards transplant the following winter to the open garden; they are hardy in all mild climates.

Crozy's New Hybrids—Saved from the newest and best varieties	0 6

Capsicum Very pretty and curious ornamental border plant. The varieties listed amongst the Vegetable Seeds on page 9 are all ornamental, but the following is particularly suitable for the flower borders. Sow them in early spring.

New Cœlestial—Bears its flowers and fruit at the same time, the latter being of various tints of ivory white and red	0 3

Castilleja Indivisa One of the most effective of recent introductions, having terminal yellow flowers and bracts of a brilliant scarlet crimson. They make charming border plants, or may be grown in pots to advantage; they are perennials, but are best raised from seed annually | 1 0

Catananche (Cupid's Dart) Hardy perennial everlastings, with blue and white flowers, suitable for cutting. Sow in the autumn.

Cœrulea Mixed—Blue and white, 2 ft.	0 3

Calendula Officinalis. See previous page.

Candytuft

(Iberis) Hardy annual border plants, very showy for massing or edgings in borders. The strains we offer are very superior. Sow in the autumn or early spring.

	Pkt.
Yates' Giant Flowered Choice Mixed—This is the finest strain of Mixed Candytuft yet introduced; the individual florets, and also the heads of bloom, are double the size of the old varieties. There are several new and delicate shades of color, and are as easily grown as the old varieties. Of dwarf and compact habit, and well adapted for massing, bedding or borders. We feel sure this variety will give satisfaction	0 6
White Rocket—Flowers produced in long spikes; 12 in.	0 3
Little Prince—A very select strain of Dwarf White Candytuft, growing only four to six inches high, and very robust and compact, charming for bedding..	0 6
Hyacinth Flowered (Empress)—A giant flowered variety bearing long spikes of white fragrant blooms; should be sown thinly to get best results; 9 in.	0 6
New Rose—Lovely shades of light, passing to rich deep rose, very beautiful in bouquets by gaslight; very compact plant; 9 in.	0 6
Crimson—Showy; 9 in.	0 3
Purple—Good for contrast; 9 in.	0 3
White—Very pretty, good for bedding; 9 in...	0 3
Gibraltarica—A very large flowered perennial variety of Candytuft, a native of Gibraltar, and well suited to our climate; of a beautiful tint of lilac, shading off to white	0 6
Pectinata—White, sweet scented; 9 in.	0 3
Mixed—Annual varieties, for border planting; 9 in.	0 3
Perennial Candytuft (Iberis Sempervirens)—White	0 6

Candytuft.

Canterbury Bells

Very handsome and favorite border plants; they are hardy biennials, and are best sown in February, March, or April. Our seed is saved from the most brilliant colored varieties. They thrive best in cool climates.

Single Mixed—White, blue and rose shades; 24 in.	0 3
Double Mixed—All the best colors; 24 in. ..	0 3
Calycanthema (Cup and Saucer)—All colors mixed, charming; 24 in.	0 3

CARDIOSPERMUM HALICACABUM—See page 71

Chelone Barbata

(New Hybrids) A very handsome perennial border plant, resembling the Pentstemon, but has longer spikes and rather smaller flowers, which are of various shades of red and rose. Sown in the autumn it will bloom the first season .. .. .. | Pkt. 0 6

Clarkia

Hardy annual. Profuse bloomer; recommended for cold bleak localities. Sow in the autumn.

Pulchella—Red, 18 in.	0 3
Pulchella Alba—White	0 3
Pulchella Integripetala—Crimson	0 3

Canterbury Bells Single.

Carnations

Carnations are hardy perennials, and should be sown in autumn or early spring. If the former, they will flower the same year. To get good double flowers, the best seed only should be sown. Our choicest strains cannot be excelled. We have made a speciality of these plants. Sow in seed pans or boxes, and shade from full sun.

SPECIALITIES—Yates' Superb New Strains, page 29.

Pkt.

Perpetual Flowering Nice Giant—A remarkably fine strain of double mixed Carnations. They produce a great variety of colors, and ninety per cent. of large double flowers, many of them yellows. We can strongly recommend this strain 1 6

Grenadin—Charming double scarlet variety, dwarf and compact in habit, and very suitable for bedding or for bouquets. It flowers three weeks before any other sort in the spring 0 6

Bizarres, Flakes, Fancies, and Picotees—Very fine, saved from stage flowers, grown in pots, and all artificially hybridized. These have been saved by the most successful growers in Europe 1 6

Margaret, Giant Malmaison—A particularly fine large flowered strain, containing a large variety of colors 1 0

Margaret—Mixed colors; a very valuable class of semi-dwarf Carnations. They bloom from seed about four months after they show above the ground, producing a display of richly-colored, sweet-scented flowers of many colors, including yellow, and nearly all double; very small packets, 3d. 0 6

Margaret, Double White—Same as above, pure white 0 6

Giant Margaret, Dark Red—The flowers are a beautiful dark-red tint, and are showy either as a border plant or for cutting. They come true from seed, and are of the giant class.. 0 6

Giant Margaret, Violet—This is a new tint in this class. They are as large and double as the colors previously offered, and come true from seed. Borne on tall stiff stems, and are excellent for cutting 0 6

Collection of eight choice varieties of Carnation mentioned above 5 0

COBOEA SCANDENS—See Creepers, page 71.

Carnation: Giant Malmaison Marguerite.

Cockscomb

Cockscombs are all half-hardy annuals, and are amongst the best summer bloomers we possess. Sow in the spring, in warm situations or frame.

Pkt.

Glasgow Prize—Crimson, a very dwarf strain, saved from exhibition combs 1 0

Empress—A taller variety than the preceding, with bright purple combs, dark foliage.. .. 0 6

Golden—Bright yellow 0 6

Good Mixed—Several shades 0 3

Celosia

Stately border plants, with gorgeous feathery blooms of the most glowing colors. They are half hardy annuals and should be raised under shelter in the early spring for summer bedding. They are largely used in the London parks. They require a sunny situation.

Pkt.

Thompsoni Magnifica—Improved Feathered Cockscombs, with dark handsome foliage, and well branched, producing splendid heads of crimson feathered crests 0 6

Thompsoni Magnifica, Yates' Crimson King—An intense crimson form of Feathered Cockscomb, and quite dwarf in habit, making it particularly suitable for small flower beds. The color is most effective for a display in the late summer 0 6

Thompsoni Magnifica Cristata—This is a combination of the Ostrich Plume and the Cockscomb; very suitable for borders as specimen plants, or in a mass in large beds. Grows from two to three feet high, and in many shades of color, the same as Celosia Thompsoni Magnifica, and has both the comb on the top and the plume or tassel down the stems of the plant. Quite a unique combination 0 6

Pyramidalis (Plumosa)—Scarlet, crimson, and gold, each separate 0 6

Pyramidalis—Mixed colors; small packet, 3d... 0 6

Cineraria

Cinerarias are tender annuals, suitable for greenhouse or bush-house. They should be sown in pans in summer or early autumn for winter and spring blossoming. In Auckland and Sydney and similar mild climates in positions where they are sheltered from strong winds and too much sun, they bloom splendidly in the open ground.

SPECIALITY—Yates' Concord Hybrids, see page 28.

Pkt.

Hybrida—Finest English saved. This strain is saved for us by one of the most successful English growers; not excelled for exhibition 2s. 6d. and 1 6

Large Flowering French—Larger flowers than the foregoing, and more showy; a splendid strain for open-air culture 1 6

Finest Double—A choice strain 1 6

Polyantha Gruenta—A very hardy and very floriferous Cineraria; the blooms are smaller than in the ordinary type, but are produced in much greater abundance 1 6

Maritima—Handsome foliage plant, white velvety foliage, splendid for bedding.. .. .. 0 6

Centaurea Cyanus.

Centaurea (Corn Flowers and Sweet Sultans)

Lovely hardy annuals, very pretty, splendid for cutting. They are most easily grown and continue in flower a long time if sown in the autumn. In cool climates they may also be sown in spring.

	Pkt
Cyanus, Emperor William—Single, deep blue, 2 ft.	0 3
Cyanus, Pure White—Very good for cutting	0 3
Cyanus, Single Mixed—All shades, white, rose, blue, etc.	0 3
Cyanus, Double Mixed—Very beautiful	0 3
Odorata Marguerite—A new and very beautiful class, with double white blossoms; splendid for cutting and does well in our mild climate	0 6
Odorata Chameleon—A very beautiful flower, yellow and rose	0 6
Odorata—Mixed colors, blue and white	0 6
Moschata (Sweet Sultan):	
Yellow—Very showy, 18 in.	0 3
White—Splendid for cutting, 18 in.	0 3
Mixed Colors—All tints, 18 in.	0 3
Imperialis, Mixed—A new race of **Giant Flowering Sweet Sultans,** The old favorite has been taken in hand by the hybridizer, and these new varieties are a great improvement, producing blossoms from three to four inches across, of graceful, airy effect, and most deliciously fragrant. The colors vary from glistening white, through shades of red from flesh pink to crimson, and in blues from silvery lilac to royal purple. They are excellent for cutting, lasting ten days in water, and are of the easiest culture. Sown in autumn or spring, they will bloom the first season; three to four feet. Plant early in a cool, moist situation. We can also supply white separately from the other colors	0 6
Americana—A branching, bushy plant, 30 inches high; has large ball-like heads of bloom six inches across, resembling finely-cut tissue paper; colors lavender and dark heliotrope; fragrant	0 6

Cleome Pungens (The Giant Spider Plant)

A robust annual, growing four or five feet high, with long showy blooms of a bright rose color. They make handsome border plants, and are splendid for bees. Sow in the autumn or early spring. 0 6

Chrysanthemums

Very favorite family or border plants. They are all hardy and excellent for cutting. Sow in the autumn in warm climates or in spring in cool localities.

	Pkt
Segetum, Helios (Evening Star)—Pure golden yellow single flowers of really handsome appearance, remarkable for their size (measuring up to three or four inches across) and for their extraordinary durability. Splendid for cutting	0 6
Northern Star—A much improved single white Chrysanthemum, the flowers being fully one-third larger than the old well-known variety, measuring on an average three and a half inches in diameter. The brilliant white of the petals, shading to soft yellow at the base, is in striking contrast to the large black centre disc. Splendid for cutting	0 6
New Double Annual Hybrid Varieties—This valuable novelty has resulted from carefully hybridizing and selecting the semi-double varieties of this useful annual until a high degree of doubleness has been obtained. They are extremely variable, and it is impossible to describe the beautiful forms which have been produced	0 6
Leucanthemum (Shasta Daisy)—A very hardy and large flowered perennial Marguerite Daisy. The flowers are pure white, with yellow centre, and three to four inches across. Splendid for cutting. Sown in the autumn, it comes to perfection the following spring and summer	0 6
Tricolor—Fine mixed, handsome border plants, hardy annual, 2 ft.	0 3
Double—Mixed white and yellow, very effective, hardy annual, 2 ft.	0 3
Frutescens (Paris Daisy)—White, yellow centre, hardy perennial, 3 ft.	0 3
Inodorum—Pure white, pretty for cutting, most suitable for cool climates; H.P., 18 in.	0 3

Chrysanthemum: Single.

Coleus (Flame Nettle)

These beautiful foliage plants are easily raised from seed, providing they are sown in a hot bed or under glass in the early spring; the strains we offer are remarkably fine, and will give the most satisfactory results; we have had the most complimentary notices from customers about our strain of Coleus.

For varieties see Novelties and Specialities page 28.

CHOICE FLOWER SEEDS. 1914

Cosmos: Yates' Mammoth Perfection.

Convolvulus Minor (Morning Glory)

Pkt.

Hardy annuals. Old favorites. Mixed colors, 12 in. ... 0 3

FOR CLIMBING VARIETIES, see Creepers, p. 71.

Cuphea

Pretty border plants. Sow in the spring, in a seed pan or under glass.

Platycentra—A lovely soft-wooded shrubby plant, with abundance of small tubular scarlet flowers and bright dark green foliage. Half-hardy perennial 1 0

Zimapani—An annual variety from Mexico, with large dark purplish-red flowers; sow in spring in warm border 0 6

Cosmos

The Cosmos is one of the finest autumn flowering plants ever introduced. They are most graceful and beautiful for cutting; they may be kept dwarf by breaking down and also by striking cuttings. Sow in the autumn or spring. In Sydney excellent results are obtained by sowing in nursery beds in January, and transplanting them to the borders when large enough. They do not grow so tall under this treatment, and give finer blooms

SPECIALITY—New Double Strain, page 28.

Pkt.

Yates' Mammoth Perfection—The flowers are of the most delicate shades of white, rose, and crimson, and of immense size; hardy annual, 5 ft. 0 6

The Pearl—A beautiful pure white variety .. 0 6

Bipinnata—Mixed white, rose and crimson.. .. 0 3

Giant Yellow Klondyke—A new variety, with brilliant orange flowers; a very showy border plant; the seeds require warmth to start them; 5 ft. 0 6

Lady Lennox—A particularly large variety, rose 0 6

Clianthus

Beautiful hardy plants, worthy of a place in any garden. They all do best if sown where intended to remain.

Dampieri (Sturt's Desert Pea)—Thrives in dry, poor sandy soil; it is a native of the dry Australian interior, and it requires somewhat similar conditions to bring it to perfection. Sow in the open in the early spring in a warm dry corner, and afterwards do not disturb them; the seed requires soaking in hot water before sowing; they will not transplant and resent interference. When in full bloom they have a remarkably handsome appearance; the flowers are crimson with black centres. Per packet, 6d.

Puniceus (New Zealand Glory Pea)—A splendid hardy perennial flowering shrub, with gorgeous crimson flowers, which are produced in the greatest profusion in the spring. Sow in autumn. Per packet, 6d.

Puniceus Albus—A new variety of the well-known and favorite Glory Pea, the flowers being white instead of crimson. Per packet, 6d.

Commelina Cœlestis

Pretty tuberous-rooted perennials, with bright blue flowers; suitable for border or bush-house. Per packet, 6d.

Coreopsis (See Calliopsis)

Cyclamen

These beautiful bulbous plants make a splendid show in the greenhouse or bush-house during the early spring. They can be sown either during autumn or spring in pans. The bulbs go to rest about November, and they should be kept dry till January, when they should be re-potted, and will start into fresh growth. It is advisable to make a sowing every year to get best results. They are best grown in a frame, and should always be kept close to the glass; they do not require artificial heat. For further cultural directions see "Yates' Gardening Guide." For prices of bulbs see page 77.

Pkt.

NOVELTY—Low's Salmon King, see page 28.

Persicum Giganteum—A superb strain of mixed colors from the leading English growers; this is the best strain for general cultivation and contains every color 1 6

Bush Hill Pioneer—A very remarkable new strain. The large white flowers have a distinct crest or feather at the base of each petal, increasing the beauty and substance of the flowers 2 6

Butterfly (Papilio)—A splendid introduction. The petals are very broad across the top, the edges being gracefully waved and curled, and more brilliantly colored than the old variety 2 6

Clianthus: Puniceus Albus.

Dahlia

Dahlias will flower well from seed the first year if sown early in the spring. The single varieties are amongst the best border plants we have; the named varieties do not come true from seed; we offer these in plants or tubers (see page 79).

SPECIALITIES—Yates' Special Strains of Cactus and Pompone, see pages 29 and 30. Pkt.

Giant Perfection, Single—This is a specially good strain of these showy plants, producing a good proportion of very large flowers. Splendid for cutting 0 6

Single—Ordinary mixed 0 3

Double—Finest mixed 0 6

Pompone or Double Lilliput, Yates' Concord Saved—From first-class flowers, excellent for bouquets and for borders. This is a very choice strain; a proportion of the seedlings will be equal to named varieties 0 6

Dianthus Hedewigii: Yates' Double Hybrid

Dianthus

Dianthus are amongst the best flowering plants we have. Although they are actually biennials, if cut back severely before seeding they will last for years. They are quite hardy, and continue to bloom throughout the year. They do so well in colonial gardens that we offer a very fine Collection, and we strongly recommend customers to sow several varieties of them. Sow in either spring or autumn.

NOVELTY—New Double Yellow, see page 30. Pkt.

Heddewigii, Yates' Double Hybrids—A mixture of all the best varieties grown, and continuously selected on our farms for their beauty of color .. .. .. small packet, 3d. 0 6

Fireball, Double—Brilliant scarlet, much brighter than any other Dianthus previously raised. It forms thickly branching bushes covered with bloom 0 6

Little Gem—A splendid single variety, dark and light crimson in centre, with broad white margin round the edges 0 6

Eastern Queen—Rose colored, single variety .. 0 3

Crimson Bell—Large single fringed flowers, brilliant dark red 0 3

Snowflake, Double—Pure white, fringed edge .. 0 6

Mourning Cloak—A very large double flower, dark purple, edged pure white and fringed 0 3

Coppery Scarlet—Double, brilliant and attractive 0 3

Laciniatus, Salmon Queen—New single, very showy, a lovely shade of color 0 3

Laciniatus, Lucifer—A new double-flowered annual Pink. Flowers are an intense orange scarlet, deeply fringed; a dazzling color and the most striking of the red Dianthus 0 6

Laciniatus Punctatus (Princess Pinks)—A large flowered single fringed Dianthus, charmingly spotted, blotched, and veined with innumerable light and dark shades of color; valuable and very showy 0 6

Laciniatus, Vesuvius—Brilliant, single, orange scarlet 0 6

Laciniatus, Snowdrift—Double and purest white, very free bloomer, splendid for cutting 0 6

Laciniatus, Mixed—Single, beautiful fringed flowers, one of the best; small packet, 3d. 0 6

Diadematus (Diadem Pink)—Extra double variety, assorted colors 0 3

Imperialis, Double White—Splendid for bouquets 0 3

Dianthus Laciniatus: Single Mixed.

Pkt.

Imperialis, Double Dark Red—Effective 0 3

Imperialis (Double Imperial Pink)—Showy variety, mixed colors 0 3

Single—Mixed colors 0 3

Collection of twelve distinct varieties .. 2 6

Chinensis (Indian Pink)—Carnation-like flower 0 3

Plumarius, Mrs. Sinkins—The finest of all the perennial Scotch Pinks; do best in cool districts, and should not be planted in warmer climates than Sydney 1 0

Daisy (See Bellis Perennis)

Digitalis (See Foxglove)

CHOICE FLOWER SEEDS. 1913

Delphinium

Pkt.

(Perennia' Larkspur). A lovely class of border plants; very stately and attractive The seeds should be sown in February, March, or April, as they are bad keepers. When large enough, transplant into rich moist soil in sheltered positions. Protect well from slugs and snails.

New Perennial Hybrids, Yates' Extra Select—These stately border plants have been much improved of late years, and the strain we offer is saved from a fine collection of named varieties at our Buckland Seed Farm. They should be sown in the autumn, and, if grown in a cool damp situation, will bloom the following summer. The flowers are of various shades, from white and sky blue to rich dark blue and purple 0 6

Zalil (Sulphureum)—Clear sulphur-yellow flowers, requires a shady situation, 3 ft. .. 0 6

Cashmerianum—Large lilac-blue flowers, 18 in. 0 6

Nudicaule—A dwarf variety, with dazzling scarlet flowers, likes a sunny situation .. 0 6

Formosum—Deep gentian-blue, with white eye. H.A. 0 3

Cardiopetalum—A dwarf annual; when planted in masses the deep violet flowers are very effective, 1 ft. 0 3

Collection—We can supply a packet each of the first five 1 6

Dimorphotheca

Aurantiaca—A rare and extremely showy annual from South Africa, with brilliant orange-gold, Marguerite-like flowers. It is a most profuse bloomer and has a very neat branching habit, growing twelve or fifteen inches high. The brilliant flowers are set off by having dark centres, the general effect when grown in masses being extremely fine. They like a bright sunny situation 1 0

Aurantiaca Hybrida—New selected Hybrids in splendid mixture of the African Golden Orange Daisy. They vary in color from pure white to reddish and bluish white tints, and include various shades of sulphur and lemon yellow and beautiful salmon and salmon orange tints. Sometimes the flowers have a deep centre, and a lighter ring round the edge of petals, which greatly adds to the beauty and diversity of color of these new hybrids 1 0

Dimorphotheca Aurantiaca.

DOLICHOS (Varieties)—See Vines & Creepers, p. 71

Eschscholtzia

(Californian Poppy) A very showy race of hardy annuals which thrive in our dry hot climate, and make a great show nearly the whole year round. Sow in autumn or spring.

Pkt.

Californica—Orange, effective in clumps, 12 in. 0 3

Californica Alba—Creamy white flowers, 12 in. 0 3

Californica Semi-Double Rose — A splendid bedding plant, being covered with a profusion of large bright rose-tinted flowers in the hottest weather, 18 in. high 0 6

Rose Cardinal—Lovely rose-tinted flowers, 12 in. 0 3

Mandarin—Brilliant deep orange, 12 in. 0 3

Collection of five varieties 1 0

Echinops Ritro

An ornamental foliage plant, very effective for borders; 3 ft. Sow in the autumn ... ... Pkt. 0 3

Everlastings

(See Acroclinium, Ammobium, Globe Amaranth, Helipterum, Helychrysum, Rhodanthe, Gnaphalium, Waitzia Aurea, Catananche, Statice and Xeranthemum.)

For COLLECTIONS see page 26.

Exacum Affine

A dwarf, compact, bushy plant, growing four inches high, covered throughout a long flowering season by a multitude of bright purple scented flowers, with yellow centres. Grow under glass or in bush-house in warm localities 1 0

Forget-Me-Not

(Myosotis Alpestris) This old English favorite does best in a sheltered moist border. Sow in the autumn. Hardy perennial, 9 in.

Stricta—A new introduction. Of compact, pillar-like habit, growing about nine inches high. Color, a beautiful pale blue 0 6

Blue—The best color 0 3

White—Very pretty 0 3

Mixed Colors—Including white and pink 0 3

Freesia

Sow in the autumn. It will flower the first season from seed.

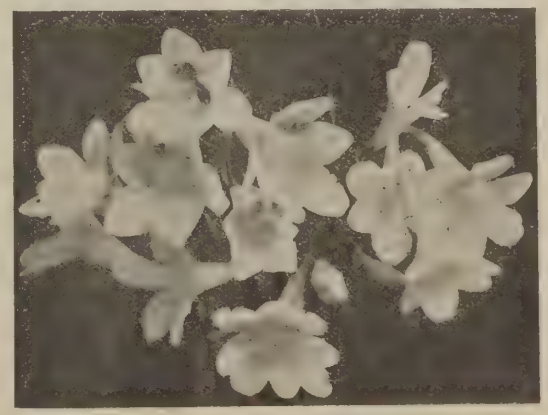
Refracta Alba—Pure white 0 3

NOVELTY—New Hybrids, see page 30.

Fuchsia

Will bloom the first year if seed is sown early under glass. We offer a fine strain.

Double and Single—Extra fine mixed or either separately 1 0



Freesia; Refracta Alba.

Foxglove (Digitalis)

Stately hardy perennial border plants, very handsome in mixed borders. If sown in the autumn they will bloom the following spring.

	Pkt.
Monstrosa—Produces long spikes of extra large flowers of various colors, many being beautifully spotted; but the chief characteristic of this strain is the enormous bell-shaped blossom at the top of each spike	0 6
Yates' Large-Flowered Spotted—These are particularly large and beautifully spotted. The colors include white, cream, rose, red, and other shades, with beautiful markings in the throat, and blotchings and spots of purple and maroon. Per packet, 6d.	
Finest Mixed—All shades. Per packet, 3d.	

Francoa Ramosa Hybrida (Bridal Wreath)

A new hardy perennial, which, coming from Chili, does well in our climate. It forms small dense clumps, throwing up elegant sprays of pure white single flowers well above the foliage; very suitable for cutting and table decorations. Per packet, 1s.

Gaillardia

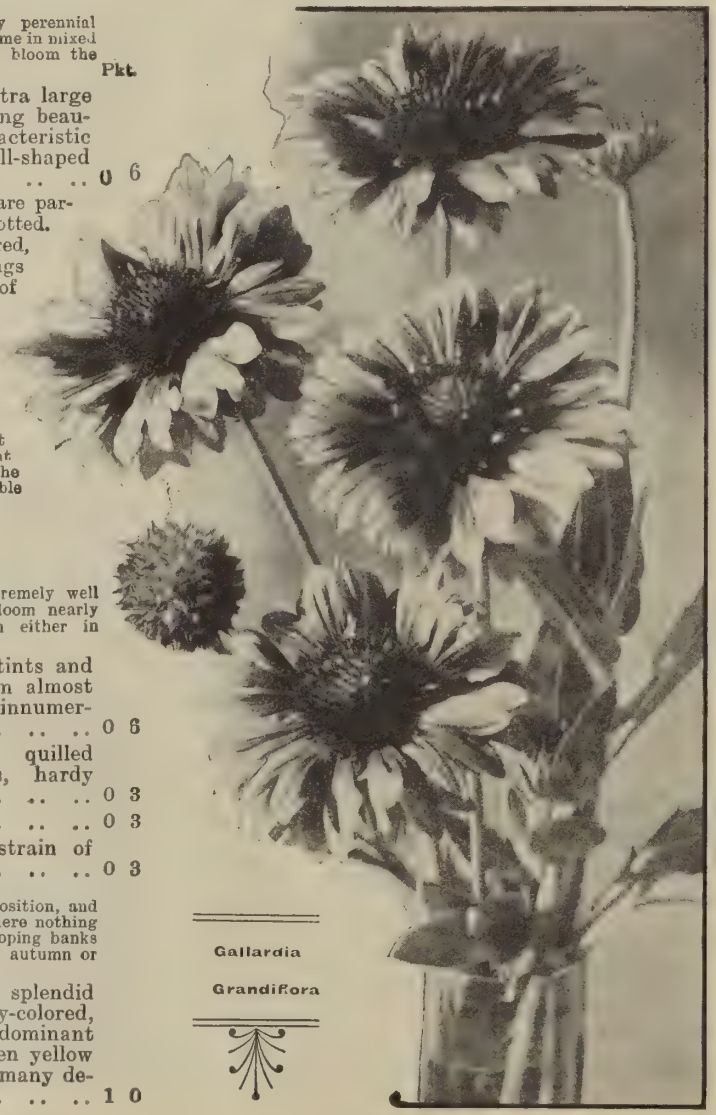
Very effective border plants; they do extremely well in our climate and give a good show of bloom nearly throughout the year. They may be sown either in autumn or spring

New Perennial Hybrids—Several new tints and shades have been introduced, from almost pure orange to Indian Red, with innumerable intermediate shades	0 6
Lorenziana—Large handsome double quilled flowers of red and yellow shades, hardy annual, 18 in.	0 3
Picta, Single—Mixed colors, 18 in.	0 3
Grandiflora—Finest mixed; a grand strain of this splendid perennial, 18 in.	0 3

Gazania

They need a warm sunny position, and do well in hot situations where nothing else would thrive. Splendid for covering sloping banks or for edging in large borders. Sow in the autumn or early spring.

Splendens Hybrida Grandiflora—These splendid new hybrids are saved from a many-colored, large-flowered collection. The predominant colors range from primrose to golden yellow and orange, and include white and many delicate heliotrope shades	1 0



Gaillardia Grandiflora

Genista Andreana

A lovely variety of Broom, forms a handsome bush covered with crimson and golden flowers. A fair proportion only come true from seed ... ... Pkt. 0 6

Gentiana (Gentian)

Lovely dwarf perennials, only suitable for cold moist climates and shady borders. Sow early in the autumn.

Acaulis—Large, tubular, intense blue flowers, 3 in.	0 6

Gerardia

Hardy perennial, with graceful foliage. If sown early in the autumn will bloom the first season.

Tenuifolia—Purple flowers, 12 in.	0 6

Gerbera Jamesoni (African Daisy)

For particulars of these splendid new hybrids, see page 30.

Gesnera

These are allied to the Gloxinia, and require similar treatment in growing and raising from seed, but are winter bloomers. They can only be successfully grown in a greenhouse, or in semi-tropical climates they would do in a bush-house. They flower the first year from seed if well grown, and when in full bloom are exceedingly beautiful.

Very Choice—Mixed, 9 in.	1 6

Geum Coccineum

Very pretty and showy perennial border plants. Sow in the autumn.

Large-Flowered Double	0 6

Gilia

Very handsome plants for bedding or border, bearing large clusters of brilliant flowers, which show up well against the dark green foliage. Sow in the autumn.

Coronopifolia—Large flowers, up to four inches across, of a brilliant crimson scarlet; 2½ ft.	0 6
Tricolor—Various shades of lavender, white, and purple; 12 in.	0 3

Gladioli

We have been working for years at our New Zealand Seed Farm to improve the Gladioli. We have succeeded in producing flowers of great substance, enormous size, and gigantic spikes—the colors are good and of great variety. They are easily raised from seed, blooming the second year. We offer seed saved from our finest varieties as follows:—

Yates' Giant Hybrids—All colors, mixed. Small packet, 6d.	1 0

We can also supply roots in season. See bulb list published separately

Globe Amaranth (Gomphrena)

Very pretty bushy everlastings, make a good show throughout the summer; hardy annuals; splendid for massing in beds or for ribbon borders.

Purple, Crimson, White, Rose, Yellow, and Variegated—Separate or mixed, 12 in.	0 3

COURDS—See Creepers, page 71.

Gloxinia

Lovely greenhouse bulbous plants, which in climates such as Sydney do well in the bush-house. The seed should be sown in the spring or summer under glass in pans. For special instructions see Yates' "Gardening Guide." We also offer the bulbs, see page 77.

	Pkt.
Yates' Prize Strain—A very choice mixture of all classes, saved from named varieties. Our strain of seeds cannot be excelled. Small packet 1s. 6d.	2 6
Emperor Frederick—A very attractive and beautiful variety, scarlet, margined pure white; superb	1 6
Striped and Marbled—A charming new type, about forty per cent. of which will come true from seed. The erect wide open flowers have a ground color of a velvety purple crimson, with a rosy white throat, the large corolla lobes being spotted, striped and veined with blue shades, a rich and pleasing combination of color	1 6
Circe—The color of the upper part of the flower is white, tinged azure blue; the lower part has a distinct reddish purple marking, bordered with violet blue, with minute red spots in yellow throat; lobes edged white	1 0
Psyche—A counterpart of the above, but the white ground color is tinged with carmine; the lower central lobe shows a distinct purplish scarlet marking, bordered with bright carmine; the yellow throat is also spotted with carmine	1 0

Gnaphalium Leontopodium

(Edelweiss) Pretty alpine everlasting flower, suitable for cool climates only; hardy perennial. Sow in the autumn — 0 6

Godetia

Very pretty hardy annual border plants. In the warmer districts they should be planted in the autumn for spring flowering; they are most easily raised.

Bijou—A very dwarf compact variety, particularly suitable for bedding. The flowers are white tinted with rose	0 6
Gloriosa—Dark red flowers and compact dwarf plant, one of the best, 9 in.	0 6
Lady Albermarle—Brilliant crimson, 12 in.	0 3
The Bride—White and Crimson, 12 in.	0 3
Duchess of Albany—Pure White, 12 in.	0 3
Finest Mixed Colors	0 3

Grasses, Ornamental

We offer COLLECTIONS of these. See pages 26 and 70.

Gypsophila

Hardy graceful border plants, splendid for cutting for bouquets, and the best and most graceful foliage to mix with Sweet Peas; very free flowering.

	Pkt.
Paniculata—White, hardy perennial	0 3
Elegans—White, rose, or mixed. Hardy annual each	0 3

Helenium Hoopesii

A hardy herbaceous perennial, a native of North America, growing three feet high. The flowers are bright orange, starry in shape, and produced on long stems, suitable for cutting — 0 6

Heliotrope

(Cherry Pie) Hardy perennials. They are readily raised from seed, which should be sown in a pan under shelter. Their fragrant blossoms are produced nearly the whole year round. We are cataloging the following improved varieties of Giant Flowered Heliotropes:—

Frau Lederle, Triomphe de Liege, Anna Turell, Voltaireanum, Rio Des Noirs, White Lady—These comprise the leading and best varieties. We will supply each distinct, or in Mixtures, 6d. per packet, or the **collection** of six varieties in separate packets	2 0
Bouquet Parfum—The best dwarf variety with bright lavender flowers	0 6
Mixed Varieties—All shades	0 3

SPECIALITY—Queen Jolanda, see page

Helipterum Sandfordi

Charming everlasting, half-hardy annual, with showy golden yellow flowers; 12 in. — Pkt 0 3

Helianthus

(See Sunflower)

Helychrysum

Hardy annual everlastings; handsome border plants, also suitable for cutting. Sow in the autumn or spring. The following are of the Large Flowered type:—

Album—Pure white	0 3
Mixed—Every shade, white to crimson	0 3

Heuchera

Very pretty hardy perennial plants, suitable for cool climates. The seed should be raised in a pan or box in the autumn.

Sanguinea—Very lovely coral red flowers, splendid for pot culture, borders, or for cutting, 18 in.	0 6

Hibiscus

(Black-Eyed Susan) Pretty hardy border plants.

Africanus—Cream colored flowers with brown centres and golden stamens, hardy annual; 18 in.	0 3
Manihot Laciniatus—Herbaceous perennial, with yellow flowers, and growing three feet high. It is a very decorative border plant. Sown in the spring it will bloom the first year	0 6

Hollyhock (Althæa) Hardy perennial border plants, very stately and highy decorative in mixed borders or in groups. They are one of the representative flowers of the old English cottage gardens. Sow in the autumn in a frame or sheltered seed bed. Pkt.

Chater's Strain—Much the finest, large double flowers and brilliant colors, 6 ft. 0 6

Alleghenny, Mixed—This pretty variety is semi-double, with the edges of the petals artistically fringed, and has a large range of soft rich colors; a distinct and handsome class .. 0 6

Hybrida Semperflorens, Mixed—Another new class of single and double flowered annual Hollyhock. A fine showy large flowered race, in great variety of colors, from white and pearly grey to crimson and dark red shades; one of the finest plants we have for grouping and forming a background in the flower border. Will flower a few months after sowing 0 6

Mixed—A good selection of colors, 6 ft. 0 3

Honesty (Lunaria) A handsome spring flowering border biennial. The shining silvery seed pods are much prized for winter decorations.

Mixed Colors—Purple and white, 18 in. 0 3

Humea Elegans A very graceful border plant. Flowers are very minute, but are borne in beautiful feathery drooping clusters of vivid pink or crimson color. Grows about eight feet high; perennial; hardy in mild climates 0 3

HUMULUS (Varieties)—See Creepers, page 71.

Hunnemannia A lovely dwarf perennial from Mexico. The seeds may be sown either in the autumn or spring in the permanent beds, as this plant will not stand transplanting. If a bed is required, sow very thinly, and thin to the proper distance apart. The flowers greatly resemble the Iceland Poppy, which is so difficult to grow in our warm climates; it is much better to grow the Hunnemannia. They are very suitable for cutting, as they last long in water, and are very decorative. Do not overwater them, or they will rot.

Fumariaefolia—Glowing yellow, red throat, 9 in. 3d. and 0 6

Ice Plant (See Mesembryanthemum)

Incarvillea A splendid recent introduction from China. It is a perfectly hardy perennial, but not suitable for warm climates.

Delavayi—The Gloxinia-like flowers are bright rosy red, with golden throat and graceful foliage; 2 ft. Received a first-class certificate at the R.H.S. 1 0

Hunnemannia Fumariæfolia.

Impatiens (Sultan's Balsam) Lovely bush-house plants, very attractive for house decoration or summer bedding, half-hardy perennial. Pkt Sow in autumn or spring in seed pan or box.

Holstii—A new variety from East Africa, more vigorous grower than Sultani; has brilliant red flowers. Excellent for pot culture in the bush-house or green-house in cold climates, and also for summer bedding 0 6

Holstii, New Hybrids, Mixed—A further development of this charming class of Impatiens. The colors of the large graceful flowers include brilliant scarlet, dark velvety violet and pure white, all quite distinct and very beautiful 1 0

Sultani—Rosy scarlet flowers, quite distinct from the above, and very pretty for pot culture or summer bedding in partial shade, 12 in. 1 0

IPOMOEA (Varieties)—See Creepers, p. 71 and 72.

Ipomopsis Hardy biennial border plants, with long spikes of bloom. Sow autumn.

Mixed Colors—Dazzling, orange and scarlet, 2 ft. 0 3

Kaulfussia Hardy annual. Very effective for edging or rock work.

Ameliodes—Soft azure blue, 6 in. 0 3

Kennedya A native of Australia, and a very free flowering evergreen shrub; can be planted in autumn or spring. Soak the seed in warm water before planting.

Alba—Pure white, with slight yellow tinge .. 0 6

Kochia Trichopila (Summer Cypress) A rapid growing annual of very graceful habit and finely cut delicate green foliage, which changes to a rich russet crimson in the autumn. They form upright, rounded, compact bushes two to three feet high 0 6

Larkspur (Delphinium) Very pretty hardy border annuals; they should be sown in the autumn as the seed keeps badly. They will make a grand show of bloom the following spring and summer. The following are the Improved Large Flowered varieties. These plants are useful for poisoning grasshoppers and locusts.

Tall Branching (Stock Flowered)—Mixed colors, the best for cutting, 18 in. 0 3

Collection of six separate colors 1 0

Dwarf Rocket (Hyacinth Flowered)—Mixed colors, extra fine, suitable for bedding, 12 in. 0 3

Collection of six separate colors 1 0

Dwarf Candelabrum—Mixed, splendid for bedding 0 3

Lathyrus (See Peas, Everlasting)

Lavatera (Tree Mallow) Very handsome hardy annual border plants.

Trimestris—Mixed, rosy and snowy white, 3 ft. 0 3

Layia (Oxyura) Profuse flowering hardy annuals.

Glandulosa—Beautiful pure white flowers, 12 in. 0 6

Larkspur: Dwarf Candelabrum.

Leptosiphon Dwarf hardy annuals of chaste beauty, both in flower and foliage. They may be sown either in autumn or spring. Pkt.

Densiflorus—Rosy lilac, 12 in. 0 3

French Hybrids—Particularly suitable for growing on rockwork or sunny borders. The new hybrids are particularly charming, there being such a diversity of brilliant colors, giving them quite a sparkling effect 0 3

Leptosyne (Great Winter Flowering Yellow Marguerite) A hardy annual introduced by ourselves. It has brilliant light yellow flowers, very suitable for massing in borders, the plants being literally covered with great numbers of bright flowers, making it strikingly effective. They do best sown in the autumn for winter and early spring blooming, thus giving a plentiful supply of blooms when other yellow flowers are scarce. For cut flowers it is one of the very finest annuals we offer, the flowers keeping fresh for almost a week in water. It is easily raised from seed, and comes very rapidly into bloom. Pkt.

Maritima—Deep yellow, 2 ft. 0 3

Stillmanni—Has smaller flowers, but very graceful. Flowers a few weeks after sowing the seed 0 6

Limnanthes Very pretty hardy annuals, suitable for edgings or rock work. The flowers are much frequented by bees.

Douglassii—Mixed, white and yellow, 12 in. .. 0 3

Linaria (Toad Flax) A very pretty family of graceful plants, thriving in hot dry situations. They do remarkably well in rockeries and dry borders exposed to the sun. They succeed best sown in the autumn.

NOVELTY—New Linaria, see page 31.

Maroccana—Rich full yellow, purple, and other tints; hardy annual, 12 in. 0 3

Hendersoni Ericoides—Purplish violet, dwarf, 12 in. 0 3

Reticulata—Showy hardy annual, with crimson yellow flowers; plant in groups, 9 in. 0 3

Cymbalaria (Kenilworth Ivy)—A lovely trailing plant with lilac flowers, beautiful for rockwork or hanging baskets; hardy perennial 0 3

Linum (Flax) One of the showiest hardy annuals; an old favorite. Sow in the autumn.

Grandiflorum Coccineum—Glowing crimson, 12 in. 0 3

Lisianthus Russellianus

An elegant hardy annual from Texas, growing one to two feet high, and with large, most beautiful blue flowers, remaining long in bloom. The seed is very fine, and should be raised in a pot under glass 1 0

Lotus Peliorhynchus (Pigeon's Beak)

A highly ornamental perennial trailing plant, suitable for hanging baskets, dry bank or rock work, having bright scarlet recurved flowers very similar in shape to the Desert Pea (Clianthus Dampieri). The fine dense foliage droops gracefully, forming a splendid background to the brilliant flowers which cluster loosely on short stems. We strongly recommend this plant where there are suitable situations. It is one of the most beautiful plants we know. Sow in the autumn or early spring 1 0

Linaria: Maroccana.

LOPHOSPERMUM—See Creepers, page 72.

Lychnis Hardy summer flowering perennials, with bright colored blooms; good border plants. Sown in the autumn they will flower the following spring. Pkt.

Chalcedonica—Scarlet flowers, 2 ft. 0 3

Haageana—Mixed hybrids, all shades of red 2 ft. 0 3

Lagascae Rosea—A very dwarf variety, suitable for carpet bedding or ribbon borders, growing only four inches high and covered with conspicuous bright rose flowers 0 6

ALL OUR SEEDS ARE TESTED.

Lobelia

Lovely bedding plants. They should be raised in a seed pan, under glass, in the autumn, and planted out when frosts are over. With the exception of Cardinalis they are half-hardy annuals.

Pkt.

Hybrida Miranda—Has a trailing habit, making it specially suitable for pots or hanging baskets; the flowers are bright rosy purple, with white eye, and are produced in the greatest profusion 0 6

Hybrida Amanda—An excellent companion to the above. The color is quite distinct, being a rosy lilac with a sharply defined pure white eye. A most profuse bloomer .. 0 6

Hybrida Sapphire—A charming addition to the trailing section of these beautiful plants, and one that should prove immensely popular for basket work. It is similar in habit to the above, but the color is quite distinct. The name well describes the shade, which is of a splendid deep blue. The flowers are of good size, have a large clearly defined white eye, and are thickly set on long graceful sprays of foliage 1 0

Mrs. Clibran—A distinct variety. It is dwarf—growing only four inches high—with compact growth, and in color the flowers are a deep, bright violet blue, with distinct white eye; splendid bedding variety, one of the very best 0 6

Emperor William—Very compact, rich light blue, 4 in. 0 6

Crystal Palace Compacta—Dark rich blue, one of the most beautiful plants for carpet bedding or ribbon borders. This variety is much darker in the color of both flowers and foliage than the Erinus Speciosa. If both varieties are planted, they make a good contrast; they both grow only four inches high 0 6

Erinus Speciosa—Azure blue 0 6

Speciosa—Ordinary blue variety, 4 in. 0 3

White Gem—Pure white, 4 in. 0 6

Cardinalis, Queen Victoria—Handsome perennial; the leaves are very dark; flowers brilliant scarlet, 18 in.; only suitable for cold moist climates 0 6

MANDEVILLEA SUAVEOLENS—See Creepers, p. 72

Martynia

Pretty hardy annual border plants, with Gloxinia-like flowers; they stand our dry hot summers well. Sow when frost is over.

Fragrans—Crimson purple blooms, 18 in. 0 3

MAURANDIA (Varieties)—See Creepers, page 72

NOVELTY—Maurandia Purpusi, see page 30.

Lupinus Polyphyllus.

MEDEOLA ASPARAGOIDES—See Creepers, p. 72

Melianthus Major

(Cape Honey Flower)

Pkt.

A handsome ornamental perennial foliage plant, with finely cut, rich green leaves. Valuable as single specimens in beds, borders, and sub-tropical gardens, where its distinct elegant appearance always attracts attention; seedlings raised under shelter in the spring are ready for planting out in summer 0 6

Lupins

A handsome family of hardy annuals. They are very effective border plants, giving a great variety of color. Sow in autumn or early spring.

Pkt.

Arboreus, Snow Queen—A giant variety of perennial Lupins. They form large bushes, and are covered with spikes of lovely white flowers, which are most excellent for cutting; a splendid border plant 0 6

Polyphyllus (Perennial Lupin)—Mixed colors. These fine border plants are amongst the best of the Lupins. They have immense spikes of flowers, which are extremely showy, and are borne in great profusion; excellent for cutting 0 6

Nanus—Blue and white, beautiful little Lupins, very hardy and dwarf, 12 in. 0

Albo Coccinea—White and scarlet, 2 ft. 0

Atro Coccinea—Deep scarlet, 2 ft. 0

Insignis—Dark red, 2 ft. 0

Superbus—Lilac, yellow and white, 2 ft. 0

Hartwigii—Blue, 18 in. 0

Yellow, Rose, Blue, and White—Each separate 0

Mixed—Suitable for bedding, all colors, 12 in. 0

Collection of six annual varieties 1

Marigold

(Tagetes) Old favorite hardy annuals. Very effective in mixed borders, and the dwarf varieties are particularly good for bedding. Sow in the spring or autumn.

French, Double Mixed—Yellow and brown striped, 18 in. 0

French, Dwarf, Double Mixed—Yellow and brown, 12 in. 0

French Legion of Honor—Dwarf and compact 12 in. 0

African, Mixed—Orange and lemon, 2 ft. 0

African—Orange, 2 ft. 0

Marigold, Pot or Cape

(See Calendula)

Marvel of Peru

(Mirabilis) A hardy perennial border plant. Will bloom the first year.

Mixed Colors—White, blush, crimson, and yellow, 30 in. 0

Mesembryanthemum

A pretty trailing tender annual, suitable for dry, sunny banks and rock work; has brilliant crimson, daisy-like flowers. Sow in spring when frost is over; 3 in.

Tricolor 0

Crystallinum or Ice Plant—The foliage is covered with ice-like globules 0

CHOICE FLOWER SEEDS. 1914

Mathiola Bicornis (Night-Scented Stock) Hardy annual, a very interesting and pretty lilac flower, after a shower or in the evening they emit a delightful perfume. They should be scattered about the garden, 1 ft. Pkt. 0 3

Michauxia Campanulata
This is a rare plant, but its handsome flowers entitle it to a place in any garden. When well grown, it throws up a huge pyramidal branching flower spike, four to five feet high, which is well covered with drooping white, bell-shaped flowers of large size. It is a biennial, and easily raised from seed; plant out in land which has been well manured. Sow in the autumn .. 0 6

Mimulus (Monkey Flower) A beautiful family of perennials; hardy in cool moist climates, but in warm districts are best grown as annuals for early spring blooming. The flowers are finely blotched and marked. Sow in the autumn, and treat the same as Pansy. They should be grown in the shade and protected from hot winds; require a moist situation, where they will give a magnificent show of bloom. In hot climates they make excellent bush-house plants.

Yates' Large-Flowered Hybrids—A splendid new strain of Hybrid Mimulus, very large flowered and blotched with various shades of pink, red, and copper. The markings are most varied and beautiful. Some of the flowers are covered with small splashes of color, while others are superbly marked with blotches of large size and fantastic shape 0 6

Tigrinus Hybridus, Mixed—This strain includes half-a-dozen of the best named varieties with the most varied and distinct colors and markings, 6 in. 0 6

Hose in Hose—Charming double variety, tigered and spotted 0 6

Tigrinus—Good mixed strain 0 3

MINA LOBATA—See Creepers, page 72

MORMORDICA BALSAMINA—See Creepers, p. 72.

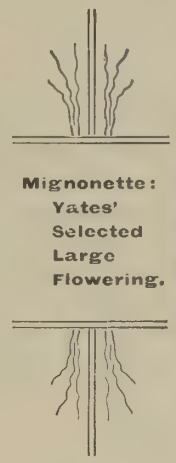
Musk (Mimulus Moschatus) This favorite pot plant is not at all easy to grow. The seed should be sown on the surface of damp soil and the pot then covered with shaded glass; they should not be watered on the surface until the plants are a fair size, but may be kept moist by placing the pot in a dish of water occasionally. They should, however, not be kept too moist or in too close an atmosphere, or they may damp off. Transplant into three inch pots when large enough to handle 0 3

New Compact—A new and more compact variety of this old favorite 0 6

Nemophila Pretty dwarf hardy annuals, suitable for borders. Sow in the autumn.

Insignis—Blue flowers, with white centres, 6 in. 0 3

Maculata—White, blotched violet, 6 in. 0 3



Mignonette: Yates' Selected Large Flowering.

Mignonette

(Reseda). These old favorites are hardy annuals, and may be sown either in the autumn or spring. As the seed often misses, it is advisable to make two sowings from each packet at a short interval. The perfume is strongest when they are grown on poor soil. Pkt.

Coliath—A new giant flowering variety, with enormous trusses of double red flowers; the plant has a sturdy branching habit. A very striking variety 1 0

Bismarck—New, of robust habit, with dark-red flowers. An improved "Machet" 0 6

Machet—Crimson, dwarf, compact, one of the best 0 6

Golden Queen—New variety, thick yellow flower spikes 0 6

Pkt

Victoria—A dark red variety 0 6

Large Flowering, Yates' Selected—The sweetest scented variety 0 6

Giant Pyramidal—Very large and upright, very desirable 0 3

Parson's White—Does not always come true; creamy white 0 3

Miles' Spiral—Something like Giant, long spiked flowers 0 3

Old Large Flowering 0 3

Nicotiana (Tobacco Plant) A lovely border plant with tubular flowers, which are very fragrant. Half-hardy annuals. Sow in late spring.

Affinis—The best white variety, 3 ft. 3d. and 0 6

Hybrida Sanderae—These contain a variety of rose and carmine shades 0 6

Nasturtiums: Tom Thumb

Pkt.

Mixed—All the most beautiful colors, 12 in. .. 0 3
Scarlet—Pretty, very effective, 12 in. 0 3
Crimson—Useful for cutting, 12 in. 0 3
King—Scarlet, dark handsome foliage, 12 in. 0 3
King Theodore—Very dark flowers and foliage, 12 in. 0 3
Golden King—Bright yellow, very fine, 12 in. 0 3
Crystal Palace Gem—Sulphur, 12 in. 0 3
Empress of India—Deep crimson, 12 in. 0 3
Ruby King—Crimson rose, 12 in. 0 3
Collection of six, distinct, for 1s., or nine varieties 1 6

Nemesia

A charming annual from South Africa, with pretty flowers of various colors, ranging from white to yellow, orange, brown, and crimson, and many other shades. The plant is hardy, should be sown in the late summer or early autumn. They will then, in mild climates, bloom in the winter and spring in the open borders, making a good display. Very suitable for clumps and edgings. We strongly recommend this plant. It should be much more largely grown.

SPECIALITY—Nemesia Strumosa, Extra Selected Large Flowered, see page 30.

Lilacena—A new and distinct species from German Africa. It grows ten and twelve inches in height and breadth, and the plants are covered with innumerable flowers, varying in color from light pink to dark pink and rosy lilac, with a pale yellow centre. The plants continue to bloom through the spring and summer, and are especially adapted for dwarf groups or ribbon borders .. ..

Strumosa Grandiflora—The flowers are very large in size, and the colors include all the shades of yellow and orange, brown, crimson, violet and pure white. Of a graceful branching habit and very floriferous 0 6

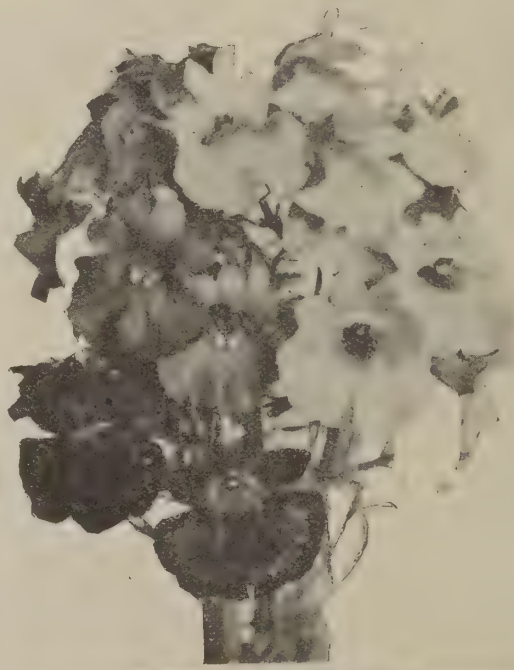
Grandiflora Compacta — A very dwarf variety, suitable for edgings. 0 6

Grandiflora Compacta, Blue Gem — A selection from the ordinary compact form. The flowers are a beautiful Forget-Me-Not Blue. Very free flowering 0 6

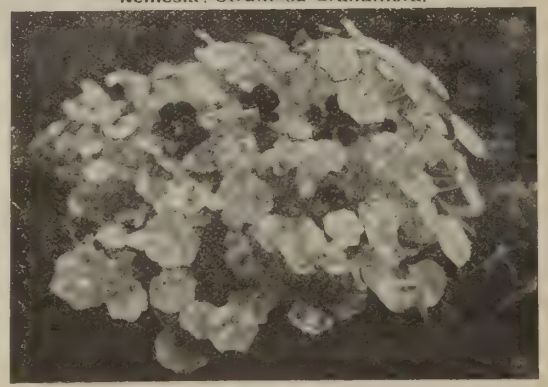
Nierembergia

Hardy perennial, charming for rock work or open borders. We strongly recommend this plant, which should be more largely grown. Sow in the autumn.

Cracilis—Lilac and white flowers, 18 in. 0



Nemesia: Strumosa Grandiflora.



Nasturtium: Dwarf Queen.

Nasturtium

Pkt.

(Tropaeolum). Very valuable bedding plants, which give a wonderful show of bloom throughout the spring. They flower best on poor dry land, and should be sown in the autumn or early spring. The sorts we offer are the latest improved varieties. They are quite hardy except in cold climates, where they can only be sown in the spring.

Yates' Matchless Mixture of Climbing Nasturtiums

We have collected all the newest and best hybrids, and have grown them on our own farms, and now offer them as our Matchless Mixture. The colors are very brilliant and varied, embracing maroon, salmon, clear yellow, striped, and many other tints; the foliage varies from light green to the rich dark foliage of Empress of India. Some of the varieties are fragrant, and all are continuous bloomers and excellent flowers for table decoration. For covering a trellis or unsightly object they cannot be excelled .. 0 6

Tall or Climbing—Mixed colors, all shades .. 0 3

Tall Lobbianum—These are amongst the prettiest of all the climbing or trailing varieties, the colors being richer and more delicate, and the plants not so vigorous, so that they do not over-run other things. They are most showy, and cannot be excelled, either grown as trailers from a window or rockery, or for growing up a trellis:

Firefly, Lucifer, Marguerite, Cardinal, Brilliant, Crown Prince of Prussia, Roi des Noirs, Asa Gray, Primrose, and Mixed Varieties, each 0 3
Or the **Collection** of nine distinct varieties 1 6

Dwarf Lobbianum, Lilliput—A charming race of very dwarf nasturtiums; the flowers and leaves are small, but the colors are extremely brilliant and range from yellow and deep red to almost black; extremely free blooming 0 6

Dwarf Chameleon—A variety which produces flowers of most diversified colors on each single plant; the effect is charming, as the colors harmonise well together, and grown in a mass they are exceedingly showy 0 6

Dwarf Queen—The flowers are scarlet, and set well above the silvery variegated foliage. The plants are very dwarf and compact, and are very effective if planted along with Dwarf Chameleon and Lobbianum Lilliput Nasturtiums in alternate masses 0 6

Nigella Miss Jekyl.

Nigella: Miss Jekyl.

Nigella Hardy annuals, pretty and interesting. Old English border flowers, very suitable for cutting. Sow in the autumn or early spring. Pkt.

Hispanica (Love in a Mist)—Curious half-hidden blue flowers; 18 in. 0 3

Damascena (Devil in a Bush)—White flower, 18 in. 0 3

Miss Jekyl—A great improvement on the old Damascena; the flowers are double and of a beautiful deep-blue shade, and are very suitable either for border decoration or cutting 0 6

Nolana Pretty trailer, with Convolvulus-like flowers, for rock work or baskets. Hardy annual, 6 in. Sow in the autumn or early spring.

Grandiflora—Blue and white 0 3

Œnothera (Evening Primrose) Hardy annual border plant, very pretty, and does well in dry gravelly soils. Pkt.

Acaulis—Large white and yellow flowers, 12 in. 0 3

Oxalis (Wood Sorrell) Pretty dwarf plants, suitable for rock work, hanging baskets, or borders.

Rosea—Pink, pretty for edgings, 4 in. 0 3

Tropœoloides—A beautiful little trailing plant, purple foliage and yellow flowers, 3 in. .. 0 3

Pæony Amateurs are recommended to buy the plants ready grown, as they will not flower for two or three years after sowing the seed. For plants see page

Mixed Colors 0 6

Pea, Everlasting (The Perennial Pea) Most attractive dwarf creepers, or they may be grown as border plants by tying to a stake; excellent for cut bloom.

Rose, Red or White—Separately 0 6

Mixed—Containing each of the above 0 6

Lathyrus Pubescens (Argentina Perennial Pea)—A magnificent, vigorous growing, semi-shrubby, perennial pea, literally covered with long spikes of the most lovely pale violet flowers. It forms a dense, well branched bush, six feet high and nearly as far through, and is a conspicuous mass of color throughout the winter and spring. One plant is sufficient to provide a house with cut bloom, for which purpose this plant is particularly suitable. 0 6

Pea, Argentine Perennial (Lathyrus Pubescens).

YATES' EXHIBITION PANSIES

The varieties listed contain all the types worth growing, and each have been selected from growers having the purest and best strains. We believe that our Giant Pansies are unequalled for size, coloring, and markings. For exhibition purposes there are no finer strains offered. We list two separate classes:—**Yates' Giant Pansies,** which have the finest and most beautiful flowers; and **Bedding Pansies,** which, as a rule, have much smaller flowers, but are more floriferous, have pure colors, and are much more effective for planting in masses and ribbon borders. We would strongly recommend our customers to plant both classes—the Giant Pansies for exhibition and for cutting, and the Bedding Varieties for border decoration. Sow in prepared seed beds in late summer and autumn.

SPECIALITIES New and Choice Strains, page 32.

Yates' Giant Pansies.

Pkt.

Yates' Superb Large French Stained—This magnificent strain was first offered by us, with the happiest results The coloring of the flowers is full, rich, and decided, and embrace all the loveliest of the new shades, and are of large size and great substance .. 1 0

Masterpiece—A superb strain of blotched Pansies. The flowers are large and of fine rich coloring, with frilled edges 1 0

Bugnots' Superb Blotched—A magnificent strain of mixed colors, mostly tending to yellow, brown, and mahogany shades. The flowers have great substance and size, and are characterised by rich blotches of the loveliest deep colors; in a large proportion of flowers the upper petals are also veined with deep brown. The rich colorings of these Pansies are unapproached by any other strain .. 1 0

Pkt.

Triumph of the Giants—A beautiful strain of blotched Pansies; the edges of the petals are crimped, giving the flowers a very distinct appearance. The colors are very rich, fine, and varied 1 0

Cassiers' Large Flowered Blotched—The largest flowered blotched Pansies; the coloring is hardly so rich as in Bugnots, but is more varied, and includes all the blue and purple shades so much admired 0 6

Ne Plus Ultra—A mixture of named and other varieties which do not appear in the other strains we offer 0 6

Odier or Large Stained—A superb strain of three and five blotched Pansies, unsurpassed for habit, and of great richness and variety of color ... 0 6

Trimardeau or Giant—Mixed colors. These are the largest flowered Pansies grown, and give a large range of colors, and bloom very early 0 6

Yellow Giant—The largest yellow, with large black eye. A remarkably showy Pansy 0 6

White Giant—Similar to the Yellow Giant, but with white ground; very striking color 0 6

Victoria—The best red Pansy; distinct 0 6

Raphael—The flowers range in size up to two inches across, and are of perfect shape; the ground color is mostly an ethereal light blue, the three lower petals having a large violet blotch, radiating into veins towards the edge of the corolla. The flowers are handsomely frilled, and are borne on long stiff stalks 1 0

Pkt

Fancy Belgian—A mixture of shades which do not come in the other mixed strains offered; they range from pearly greys and blue shades to deep reds and browns in endless variety; a most striking mixture 0 6

Collection of Yates' Giant Pansies, one packet each of twelve of the preceding varieties ... 5 0

Mixed Packets—Containing most of the above ... 1 6

Good Mixed—Containing a splendid assortment of color 0 3

Pansy, Superb Orchid-Flowering

An improved large flowering type has been raised and we are offering the best of these in mixture; the colors range from pearly yellows and greys to bright reds and gold, with blotchings and markings of deeper red, brown or purple, the ground color is continued as a narrow rim round the edge of each petal, the general effect being very beautiful. Per packet, 1s.

Bedding Pansies

The following sorts are the best for carpet bedding or ribbon borders, as they make a richer display when planted in masses than the larger flowering sorts. They should be sown from January to April and planted out in the winter or early spring, where they will make a grand display.

Yellow—With dark eye.
White—With dark eye.
Snow Queen—Pure white.
Azure Blue—Clear blue.
Rubra—Reddish brown.
Golden Yellow—Pure yellow.
Black Prince—Velvet black.
Lord Beaconsfield—Violet.
Empr. William—Ultramarine.
Fire King—Brown and yellow

Each 6d. packet. **Collection** of ten varieties, 2s. 6d.

YATES' SUPERB PETUNIAS

The varieties we offer are the very finest strains we can procure, the double being the most expensive seed we stock. They are half-hardy perennials (excepting in warm climates), and may be sown either in the greenhouse in the autumn, or in a prepared seed bed or box in late spring. Take care that the young seedlings are not too shaded and so become drawn. They will continue in bloom during the driest and hottest weather.

NOVELTY—Large Flowering Fringed, page 32.

Petunia: Superbissima Grandiflora, King Alphonso.

Single Hybrida Grandiflora, Yates' Choicest Mixed— This is the very choicest seed obtainable. It is not only saved from exhibition flowers, but is a mixture of the best named varieties in the Large Flowered Superbissima and Fringed sections ... 1 0 Pkt.

Single Fringed Petunia—All the finest fringed varieties in mixture. It is, we believe, the finest strain in cultivation 1 0

Single Superbissima Grandiflora, Yates' Specially Selected Strain—A large flowered Petunia of great substance, bears a profusion of flowers, with wide open beautifully veined throat. The flowers are blotched and marked in many rich dark and delicate light shades. A distinct class, perhaps the best of the large flowered Petunias for out door cultivation; very suitable for exhibition 1 6 Pkt.

Superbissima, Grandiflora, King Alphonso—A fine new Petunia of the large flowered class, with very dark crimson flowers, the petals of which are frilled and waved so heavily that the widely extended, brilliant black throat is almost hidden 1 6

Superbissima Grandiflora Quadricolor—A remarkably beautiful addition to these popular plants. The bright rose-colored flowers are veined with a network of carmine merging to blood red at the throat, a large proportion having beautiful yellow markings radiating from the centre. This strain gives a profusion of fine large flowers of great substance, and in a variety of colors 1 6

Crandiflora Fimbriata Rosalind—A recent introduction. The flowers are full and of a delicate rose, beautifully veined and fringed, and with a clear yellow throat 1 6

Pepita—A lovely new fringed Petunia, the flowers are rich deep carmine bordered with white. Ranks as one of the best varieties hitherto raised 1 6

California Giants—A very large flowering strain of Single Petunias, with ruffled and fringed edges. Mixed colors 1 6

Inimitable Single Dwarf—Of compact bushy habit, flowers blotched and striped, splendid for borders, pots and window culture 0 6

Double, Finest Large Flowered, Yates' Superb Strain—Assorted colors, the finest fringed and plain-edged varieties mixed. There is no finer strain in existence. A proportion only of these will come double, the others being the large single. In transplanting take extra care of the weaker growing plants, as they are almost invariably the double ones. Very small packets, 1s. 6d. ... 2 6

Our Strains of PETUNIAS are the best procurable.

Lilliput Dwarf Double—A miniature type of these favorites, giving a large percentage of double flowers in selfs, spotted and striped ... ... 1 6 Pkt.

Lilliput, Double White—A charming addition to this class. It throws up pure white double flowers from one-and-a-half to two inches across. They are excellent for pot or dwarf bedding plants. About sixty per cent. will produce double blooms 1 6

Single Mixed—Good strain for border planting, giving a large assortment of colors 0 3

Single Inimitable—Striped and blotched. Good for borders 0 3

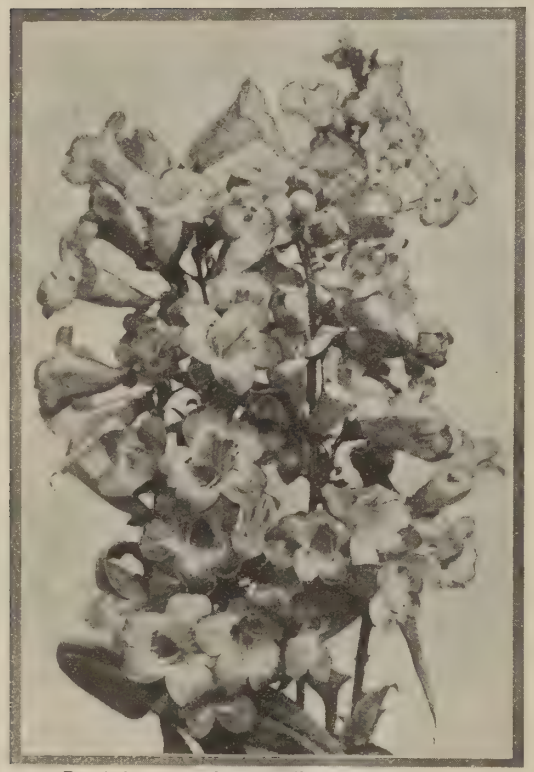
Single Petunias: Yates' Choicest Mixed.

PASSION FRUIT VINE—Vines and Creepers, p. 72.

Pelargonium Saved from the best named varieties only. Sown in seed pans, under glass, they will bloom the following year. Half-hardy perennial.

Choice, Stage, Show, and Fancy Mixed 1 6

PHASEOLUS CARACALLA—See Creepers, page 72.



Pentstemon: Large Flowered Hybrids.

Pentstemon

Extra choice handsome hardy perennial; splendid for borders, where they bloom continually through the spring, summer, and autumn. Should be sown in the autumn.

SPECIALITY—Yates' Special Strain, see page 31.

NOVELTY—New Large Flowering, Pure White Pentstemon, see page 31.

Pkt.

Large Flowered Hybrids—A very brilliant, large-flowered strain 0 6

Mixed colors—All shades, 12 in. .. 3d. and 0 6

PHYSIANTHUS ALBUS—See Creepers, page 72.

Picotee

(See Carnation, Bizarres, Flakes, Fancies, and Picotees, page 13.

Phlox Drummondi

This is one of the prettiest annuals grown; they continue in bloom till late in the autumn, and for summer bedding are unequalled, their brilliant and varied colors keeping the garden gay throughout the summer. Sow in early spring, and in warm climates, where little frost is experienced, in the autumn also, for spring blooming. In climates similar to Sydney, we recommend autumn sowing; they delight in a sunny border.

SPECIALITY—Yates' Selected Buckland Strain, see page 31.

Pkt.

Grandiflora—Mixed. A particularly good strain of the large-flowered type. This seed will produce very large trusses of all the most striking tints 0 6

Grandiflora Alba—Pure white 0 3

Grandiflora Stellata Splendens—Crimson, with white centre, very striking 0 3

Grandiflora Coccinea—Bright scarlet 0 3

Collection of eight splendid distinct colors for bedding 2 0

Nana Compacta—A very dwarf growing and really handsome class, mixed in all shades of color, and particularly suitable for bedding 0 3

Hortensiflora—A more dwarf and compact Phlox than Grandiflora; colors very attractive, and in some tints are more brilliant than the other sections 0 6

Cuspidata—The edges of petals are deeply serrated, and flowers star-shaped .. 3d. and 0 6

Double White—First semi-double variety offered; pretty for cutting .. .. .. 3d. and 0 6

Good Mixed—Well-assorted colors 0 3

Physalis Francheti

(Chinese Lantern Plant or Winter Cherry). A variety of Cape Gooseberry, growing about eighteen inches high. The branches are studded with large, bright red, cherry-like fruits, each enclosed in an enormous balloon-like semi-transparent calyx, at first of light green color, gradually changing as they mature to yellow, then orange, and finally to crimson. The fruit is not edible 0 6

Poinciana

(Bird of Paradise Flower) A subtropical shrub, which does well in the climate of Sydney, but as it is a native of the East Indies we would not recommend it for cold districts. It grows from four to six feet high, with graceful Mimosa-like foliage, and during the spring and summer bears an abundance of the most graceful and curious yellow flowers with red anthers, which gives the plant its popular name. Sow in spring, and soak the seed before planting.

Gilliesii—The hardiest and best variety .. 0 6

Phacelia Campanularia

Pk

A lovely Californian annual, one of the most lovely blue flowers in cultivation, blooming quickly from seed, and bearing a profusion of intense gentian blue flowers with conspicuous protruding white anthers, and standing well above the handsome foliage. It is quite hardy, 9 in. 0

Platycodon

(Chinese Bell Flower) A dwarf perennial Campanula-like plant, with blue and white bell-shaped flowers growing one foot high and blooming most profusely. A lovely little border plant; sow in the autumn.

Dwarf Large Flowered, Mixed—Blue and white 0

Polyanthus: Yates' Extra Selected.

Polyanthus

Lovely spring flowering border plants. Sow in cool moist shady bed in the autumn, and, when large enough, transplant. Hardy perennials, and, except in cold climates, do best in partial shade, or in border with southerly aspect. Sown in the early autumn they bloom the following spring.

Yates' Extra Selected—This is a mixture of the large-flowered type in the following colors: white, yellow and crimson. They are beautiful plants for spring blooming, very easily raised from seed, and flower the first year if sown in the early autumn. The new white and yellow types are particularly effective 0

Gold Laced—Saved from the finest Exhibition varieties 0

Good Mixed—A good assortment of colors .. 0

CHOICE FLOWER SEEDS. 1914

Poppies

Poppies have been very fashionable of late years, and have been greatly improved. The seeds offered are the newest and best varieties. They should be sown in the autumn and in cool and moist climates, also in the early spring. Sow thinly in the open borders where intended to flower, as they do not transplant well. When cut, Poppies will last much longer in water if the ends of the stems are burnt.

Yates' Queen—A magnificent strain of Double Poppies, selected from a very choice strain of Double Shirley Poppy, by eliminating all except the very choicest double flowers and most brilliant colors; many of them resemble the very finest Double Begonias, others are like Hollyhock flowers, the centres being surrounded by a row of guard petals. The colors range from pure white and blush to rich crimson, hardly two being alike, and many showing a distinct Picotee edge. The finest strain of Double Poppies in cultivation. Packet, 6d.

Shirley, Re-selected—Seed we offer has been re-selected and is as good as the strain sent out some years ago, and which created such interest in horticultural circles. The colors extend from the purest white, through every shade of pink and rose, to deep crimson. Packet, 3d. and 6d.

Mikado—The flowers are pure white, with crimson edge, but their chief characteristic is the remarkable manner in which the petals are fringed. Packet, 3d.

Mephisto—Scarlet, black spots. Packet, 3d.

We consider
YATES' QUEEN POPPY
One of the Best of Recent Introductions.

QUEEN POPPY

Pæony Flowered Admiral — A surprisingly beautiful single flowering Poppy, with large round smooth edged flowers of pure white, edged with a broad band of brilliant scarlet round the top of petal, producing a pleasing contrast. Very effective in groups or massed in large beds. Packet, 6d.

Nudicaule (Ireland Poppy)—A perennial variety, with white and yellow flowers. These are very largely grown in England for cutting, and are most graceful little flowers for this purpose; only suitable for cool moist climates. Small packet, 3d.; packet, 6d.

Yates' Selected Oriental Hybrids—These are saved from a collection of named varieties. The Perennial Oriental Poppy is one of the most decorative and handsome border flowers we know; the blooms are nearly as large as Peonies and are of all the tints of scarlet, crimson and salmon, also new shades of rose, lilac, and mauve, with large black blotches in the centre of the flower. Sow in the early autumn. They succeed best in cool moist climates. H.P. Packet, 6d.

Orientale — Perennial, dark red, the old variety. Packet, 3d.

Glaucum (The Tulip Poppy)—A very pretty, bright scarlet flower, very similar in shape to a Tulip. H.A. Packet, 3d.

Dwarf French—Mixed colors; pretty strain of Poppies. Packet, 3d.

Carnation Flowered—Mixed colors. Packet, 3d.

Danebrog (Danish Flag) — Single, brilliant scarlet, spotted white, H.A. Packet, 3d.

Umbrosum — Single flowers, golden vermilion, black spots in centre. H.A. Packet, 3d.

Collection of eight new varieties, 1s. 6d.

Primula

Greenhouse perennials. Sow in summer and autumn under glass, and keep shaded till the seeds are up, when they can be transplanted into thumb pots, afterwards re-pot as they increase in size; these plants thrive much better if grown in a southerly aspect where they get little or no sun. Primulas are one of the best early spring flowering greenhouse or, in warm climates, bush-house plants. For cultivation, see "Yates' Gardening Guide."

Sinensis Fimbriata, Yates' Superb, Mixed Colors—Choicest English saved, a remarkably fine strain, highly recommended for exhibition; they will give a splendid range of colors and flowers of immense size. Pkt., 1s. 6d. and 2s. 6d.

Sinensis Fimbriata La Duchesse — A large-flowering variety, with beautiful pure white blooms, each bloom having a bright crimson eye. Packet, 1s. 6d.

Sinensis, Alba Magnifica—A splendid new white, with yellow eye, very large. Packet, 1s. 6d.

Sinensis, Ruby Queen—Crimson. Packet, 1s. 6d.

Sinensis, Fern-leaved — Mixed colors, beautiful foliage; the flowers, however, are not so perfect. Packet, 1s. 6d.

Collections of four of the above choice varieties. Packet, 5s.

Stellata, Lady Dyke—A remarkably beautiful strain of Primulas, very floriferous, one of the most decorative plants we know. They have a free graceful habit, and bear loose pyramids of starry flowers of delicate rosy shades, set off by very beautiful foliage; 12 ins. high. Splendid for conservatory, greenhouse or bush-house. Packet, 1s. 6d.

Sinensis, Finest Double—Mixed colors. Packet, 1s. 6d.

Japonica—Hardy herbaceous perennial; requires shade. Packet, 6d.

Floribunda—A new variety, with bright yellow flowers, and growing six inches high. Packet, 6d.

Obconica, New Large Flowered—This is a great improvement on the old variety, the flowers are nearly double the size, and the colors range from pure white to deep rose; some of the flowers are fringed. Small pkt., 6d.; pkt., 1s.

Obconica Gigantea—Mixed, a new Giant Obconica of great merit, bearing large delicate tinted flowers one-and-a-half inches in diameter, on strong flower stalks, in great profusion. Of vigorous growth; the leaves measure fully five inches across. A giant Primula in every respect and a distinct advance in this class. Includes fringed varieties. Packet, 1s.

Obconica Fimbriata Rubra — A new variety, with large red fringed flowers. It has been compared to the Chinese Primula, but is much easier to grow, and lasts longer in bloom. Packet, 1s. 6d.

Forbesii (Baby Primroses) — They are pretty rosy lilac flowers, with small yellow eye, charming for greenhouse or bush-house. Packet, 6d.

Kewensis — A vigorous-growing hybrid, raised at Kew. The leaves are a brilliant sap green, and form a good background to the bright yellow flowers which are produced in umbels or rings round the stems, which grow a foot high or more. Packet, 1s.

Portulaca

Lovely half-hardy annuals. Flowers of the most gorgeous coloring. They thrive in dry warm situations, and are invaluable for summer bedding. Sow in the late spring in a nursery bed, and as soon as they are large enough to handle, transplant into the borders, or, better still, sow thinly in the borders. They will flower in the hottest weather.

Double Mixed—A fine strain of most dazzling colors; 4 in. Packet, 6d.

Single, Finest Mixed—Contains all the most striking colors. Packet, 3d.

Our Primula Seeds are grown by one of the leading English Exhibitors.

Primrose

These require the same treatment as the Polyanthus, but are more partial to shade, and if possible should be planted under a south wall in stiff soil; if protected from hot winds and kept moist they will thrive even in our warmer districts, and give a grand show of bloom in the early spring. They are hardy perennials. The seed is slow to germinate. Sow in the early autumn.

Pkt.

Hybrida, Finest Colored—Single and of various shades 0 6

Yellow—The old favorite primrose of England, small packets, 3d. 0 6

Blue—A very choice selected strain of these beautiful spring flowers; of an attractive shade of color 1 0

New French Hybrids—A vigorous growing, hardy, large-flowering Hybrid Primula, of rich brilliant colors and markings; a cross between the Polyanthus and Primrose. The flowers are very large and are borne on strong single stems early in the spring, but later in bunches, like both parents 1 0

We can supply plants of the Polyanthus Primroses in the winter, in assorted tints at 6d. each, 5s. doz., freight extra.

Pyrethrum

A very beautiful class of hardy perennials. Sow in light soil in the autumn or spring.

Aureum (Golden Feather)—Splendid bedding plant, golden yellow foliage, unrivalled for borders, 6 in. 0 3

Hybridum Roseum—Single and Double Mixed These are handsome border perennials, giving a supply of Marguerite-like flowers, which are excellent for cutting; all shades of rose and lilac, 2 ft. These are only suitable for cool moist climates 0 6

Ranunculus Asiaticus

These flowers are single, semi-double and double, and the colors range from the purest lemon yellow through the most varied and beautiful tints of orange, salmon-pink and scarlet to deep glowing crimson; no two flowers are alike, and the various tints are blended together most harmoniously. Sow in January for preference, though later will do, transplanting the little bulblets in the autumn into their permanent positions, or we can supply the bulbs ready grown during the autumn. See page 84.

Yates' Superb Mixed 0 6

Rhodanthe

Pretty everlastings, with drooping flowers. They are hardy annuals, but do best sown in spring; 12 in.

Manglesii, Mixed Varieties—Including white and rose 0 3

Ranunculus Asiaticus.

Rehmannia Angulata

Pkt.

Herbaceous biennial from Central China, with large and handsome foliage, three feet high. The long-tubed Gloxinia-like flowers appear at the axis of the leaves; they are three inches across, bright rosy purple, with yellow throat spotted and striped with purple. Especially good as a pot plant and for sheltered positions out of doors 0 6

Ricinus

(Castor Oil Plant) Handsome sub-tropical border plants; the varieties we offer are the handsomest yet introduced. Half-hardy annuals.

Zanzibariensis—New, gigantic green leaves with white ribs, 6 ft. 0 3

Gibsoni—Has rich, dark red foliage, 5 ft. 0 3

Sanguineus—Deep reddish leaves, 5 ft. 0 3

Africanus—The old large variety, 6 ft. 0 3

Collection of four varieties 0 9

Rocket, Sweet

Pretty old-fashioned, hardy annuals, with purple, lilac, and white flowers; 2 ft. 0 3

Rosa Polyantha Multiflora

An ever-blooming Polyantha Rose, easily raised from seed, flowering within a few months of sowing. They should be grown in a moist shady situation, sheltered from hot winds, 6 in. 0 6

Rudbeckia

A class of handsome hardy border plants. Sow in autumn or spring.

Bicolor Superba—A lovely variety, forming elegant bushes covered with large deep golden flowers, having a central brown ring and disc, 2 ft. 0 3

Fulgida Variabilis—This handsome perennial hybrid produces a mass of yellow or bronze flowers striped and blotched in a remarkable manner with purple brown 0 6

Rehmannia Angulata.

Saintpaulia (Usambara Violet) This is an improved large flowered strain of this lovely greenhouse perennial. It is a semi-tropical plant, and requires green-house culture, the seed is easily raised with proper treatment. Will do in a bush-house in warm, semi-tropical climates. Pkt.

Ionantha Grandiflora—Several shades of violet blue flowers. It grows three or four inches high, and is most floriferous 1 6

Ionantha Alba—A white flowering variety. The flowers are not so large as in the other shades of color, but it is so distinct, and flowers so continuously, that, where there is a suitable house, it should be included in every collection 1 6

Scabiosa: Large Flowered, Azure Fairy.

Salvia

(Sage). Handsome free-flowering perennial border plants. The seed should be sown in pans in the autumn or early spring under glass.

NOVELTY—Splendens Bicolor, see page 32. Pkt.

Splendens, Yates' Improved Scarlet—A handsome fiery scarlet Salvia, producing a profusion of extra long flower spikes through the summer and winter months. The plant forms dense bushes, well branched from the base, literally a blaze of intense color. Showy and effective in the open border. This strain is saved at our Concord Seed Grounds 0 6

Glory of Stuttgart—Has larger florets than the above, but not so many on each stem .. 0 6

Chanticleer—An early variety, not so showy as above, but flowering earlier, and therefore more suitable for cold climates where the summers are short 0 6

Patens—Bright blue, 3 ft. 1 0

Salpiglossis

One of the most beautiful of all our annuals. The improved varieties which we offer have brought this plant rapidly into favor, and they are now one of the most popular flowers for summer bedding and for cutting. The gorgeous colors and rich and varied markings of Salpiglossis are not equalled by any other flowers. They are half-hardy, and, excepting in warm climates, should be sown in the spring.

Grandiflora—Large flowered mixed; a splendid strain of the richest and most attractive colors, 2 ft. .. .. Small packet, 3d. 0 6

Superbissima, Emperor—A new and improved strain of the large flowered varieties, mixed colors 0 6

Collection of nine of the best distinct varieties 1 6

Sanvitalia Procumbens

Profuse flowering small annuals. suitable for edging small beds, hanging baskets or rock work.

Yellow and Brown—6 in. 0 3

Saponaria

Very old-fashioned hardy annual, suitable for edgings and small beds.

Calabrica—Bright red, 6 in. 0 3

Ocimoides—Pretty dwarf perennial rock plant, covered with a perfect mass of bright pink blooms. The plants are dwarf and compact, making them very suitable for bedding 0 6

Salvia: Yates' Splendens.

Shasta Daisy

(See Chrysanthemum Leucanthemum) I

Sinningia Regina Hybrida

Strikingly handsome hybrids of the Gesnera or Gloxinia family; the flowers, which are large and well displayed above the remarkably fine foliage, vary in color from light rose to deep lilac. The large broad leaves are very dark green, beautifully veined with emerald. Treat the same as Gloxinia ... ...

Saxifraga Huetiana A lovely little dwarf hardy annual Saxifrage, suitable for growing on a rockery, in pots, or baskets. Each plant is covered with innumerable small starry blooms ... ... Pkt. 0 6

Scabiosa (Pin Cushion) Very pretty annual and perennial border plants; they are also useful for cutting. The annual varieties have been much improved; the flowers are larger and the colors much more brilliant than the old type. Sow in autumn or early spring.

Large Flowered, Azure Fairy—This is a very lovely new color in the annual Scabious, being almost the same shade as the beautiful perennial, Caucasica, which is so difficult to grow in warm climates. We can only describe the color as a rich pale blue; it is just as easily grown as the other annual varieties 0 6

Sweet Scabious—Double white, large flowered, H.A., 2 ft. 0 3

Sweet Scabious—Large flowered double, mixed colors, all shades, 2 ft. 0 3

Scabiosa Caucasica.

Pkt.

Japonica—A hardy Japanese perennial, of graceful bushy foliage and habit, three feet high, producing immense numbers of beautiful mauve or lavender blue flowers on stiff wiry stems, fully eighteen inches long 0 6

Caucasica—One of the most beautiful of the hardy perennials. The flowers, which will last in water for a week, are of a most lovely lilac tint; only suitable for cool climates; 2 ft. For warm climates we would recommend the annual variety, Azure Fairy, as being similar in color, but more easily grown 0 6

Caucasica Alba—Similar to the above, only pure white; we strongly recommend both these; 2 ft. 0 6

Schizanthus Very pretty half-hardy annuals, with butterfly-like flowers; they suit either the borders or bush-house. They should be sown in spring for summer blooming, or in the autumn if grown under glass.

Wisetonensis—A new and very beautiful variety of these lovely flowering plants; it branches freely, but is of compact pyramidal growth. It bears a mass of nice dainty flowers, varying from white with yellow eye to a brilliant rose with bronzy centre, carried well above the feathery foliage. Splendid for pot work, when it should be sown in the autumn under glass, 16 in. 1 0

Retusus—Red, pretty border plants, 18 in. .. 0 3

Pinnatus—Blue, for borders, floriferous, 18 in. 0 3

Mixed—The above two in mixture 0 3

SOLANUM SEAFORTHIANUM—See Climbers, p. 72

Stachys Coccinea Hardy annual border plant, with bright scarlet flowers; splendid for bees 0 3

Statice (Sea Lavender) The different varieties of these handsome everlasting flowers are being grown very largely in England for florists' use; they are extremely decorative and will last a very long time when cut and dried; as border plants they are also very handsome. They are of the easiest cultivation. Sow in the autumn or early spring.

Suworowi—Throws up large spikes of rose-colored flowers; 12 in. 0 6

Bonduelli—Lovely yellow shade, 18 in., H.A... 0 3

Sinuata Hydrida—White, yellow and blue, 18 in., H.A. 0 3

Latifolia—Blue, fine for bouquets, H.P. .. 0 6

Incana—Dwarf small flowered, mixed red shades, H.P. 0 3

Sweet Scabious: Mixed.

Streptocarpus (Cape Primrose) A lovely plant for pot culture in bush-house or cool greenhouse. Sown in the autumn or early spring, under glass, they will bloom the following summer.

Pkt.

Coliath—New giant-flowering variety. The flowers are a deep purplish blue, and borne on erect stems. A very good variety, suitable for bush-house or cool greenhouse culture 1 0

New Hybrids—Much improved variety; the plants continue to bloom for many months, and the large trumpet-shaped flowers are all tints of lavender, purple and rose, to pure white; 9 in. 1 0

Stocks

Our strains of Stocks are from the most noted growers in Europe. Except in very cold climates, they should be sown in late summer and early autumn, and will then bloom the following spring. Stocks are very impatient of wet, undrained land, and care should be taken not to overwater them after they have been planted out. The Ten-Week and Early Flowering Brompton varieties may also be sown in the spring, in cool moist climates for summer flowering.

Double German Ten-Week Stocks

(The Earliest Varieties).

Double German Ten-Week, Large Flowered—White. Packet, 6d.

Double German Ten-Week, Large Flowered—Red. Packet, 6d.

Double German Ten-Week, Large Flowered—Mixed colors. This contains all the most lovely and striking shades, and will produce a large proportion of double flowers, all of the large flowered section. In selecting plants for bedding out, choose the weaker ones, as they are invariably double; very small packet, 3d.; packet, 6d.

Collection of twelve distinct colors, 2s. 6d.

Collection of six distinct colors, 1s. 6d.

Giant Perfection Ten-Week, Large Flowered—Mixed. A splendid variety of the tall branching perpetual Stock, producing an abundance of fragrant bloom in many lovely shades of color; one of the best for cutting. Packet, 6d.

Collection of six separate colors, 1s. 6d.

Collection of twelve separate colors, 2s. 6d.

John Bright, New Large Flowered — One of the finest exhibition Stocks yet introduced, the spikes often attaining fifteen inches in length; of a most brilliant scarlet color. Packet, 6d.

Princess Alice — A pure white perpetual Ten-Week Stock, large spikes, splendid for cutting; 18 in. Packet, 6d.

Stocks:
New Early Flowering Brompton
(see illustration).

Early Flowering Nice Giant Stock

(Second Early Varieties)

All this class come into bloom nearly as quic as the Ten Week Stocks, with a much longer flowering season.

Queen Alexandra—This is a splendid vari of these lovely plants; the flowers extra large and well arranged on an mense central spike, and surrounded numerous side shoots. The flowers a delicate rosy lilac, a tint of incomp able beauty, and exquisitely fragra H.B.; 18 in. Packet, 6d.

Beauty of Nice—Another beautiful win Stock from the same raiser. The flow are particularly large and of good fo very fragrant, and of a delicate shad fleshy pink. Packet, 6d.

Soleil de Nice—The same as Beauty of Ni except its color, which is a beauti yellow; a valuable addition to this cla 2 ft. Packet, 6d.

Bella Napoli—A magnificent variety; v fine spikes of large well-formed flow of rich terra-cotta pink, 18 in. Packet,

Nice Giant, Abundance—A very dwarf-bran ing variety, with carmine-rose flow Instead of a tall central stem, a do or more short, sturdy branches are p duced, each with fifteen or twenty s shoots forming spikes of magnific large blossoms. They can be grown a size of two feet across. Packet, 6d

Almond Blossom—Another of that magn cent new race of early flowering win Stock that were such a marked succ in colonial gardens last season, of same habit of growth; the long fragr trusses of very large flowers are c delicate white shading to carmine. Packet,

Pride of Kellar — Good bloomer; colo heliotrope blue; 30 in. Packet, 6d.

Beauty Stock, Mixed—This is a mixture the above varieties which grow ab the same height, 18 to 24 in. Th Early Flowering Brompton varieties sown early, have a long flowering seas and we strongly recommend them to Stock lovers. Packet, 6d.

Second Early Stocks (continued). Pkt.

Giant Deep Lilac—An admirable new color. In habit and size of flower fully equals those grand giant varieties, Beauty of Nice and Almond Blossom, and produces huge spikes thickly studded with large blooms of a beautiful deep lilac shade 0 6

New Violet—A very rich new shade, bearing long spikes of beautiful large blossoms... ... ... 0 6

Intermediate and Brompton Stocks

(These are Late Flowering Varieties).

Double German Brompton—Mixed, H.B. Sow these and the following in the autumn, when they will bloom the next spring. No Stocks suit Australian gardens so well; very small packet, 3d. 0 6

Collection of six distinct colors 1 6

Glory of Elberfeld—A very good strain of dwarf Stocks, producing an unusually large proportion of double flowers, which are of the purest white. An excellent variety for bedding; 12 in. 0 6

Empress Elizabeth—A lovely crimson Stock of the Brompton or Winter-blooming type; immense spikes of superb flowers; extremely effective. H.B.; 18 in. 0 6

Snow-white—This is a splendid companion to the above; in alternate masses nothing could be more effective. H.B., 18 in. 0 6

Crimson King—Magnificent new variety, of a brilliant fiery crimson color. A splendid variety for bedding or pot culture and cutting purposes; 18 in. 0 6

White Lady—Raised from Empress Elizabeth, in every respect the equal of its parent, and produces striking and very large flowers of a lustrous snowy white. It grows twenty inches high and produces from sixty to sixty-five per cent. of doubles, and is one of the best white stocks hitherto obtained .. 1 0

Large Flowering Peach Blossom—A very profuse bloomer; the color is charming and well described by its name; 12 in. 0 6

East Lothian—Flowers later than the Brompton Stocks. Mixed colors. H.B. 0 6

Emperor—Very large flowering late Stock, mixed. H.B. 0 6

Intermediate—This flowers after the Early Brompton varieties. Mixed colors; H.B. .. 0 6

Stokesia Cyanea

(Stokes' Aster) A handsome perennial of erect habit; the charming blue flowers are very effective in beds ... ... A Pkt. 0 6

Sutherlandia Frutescens

An attractive perennial shrub, flowering in great profusion three times a year. The flowers are orange and scarlet, followed by highly ornamental silky pods, which contrast effectively against its Acacia-like glaucous foliage. A native of South Africa, and hardy. Succeed best sown in the autumn 0 6

Sweet William.

Sweet Sultan

(See Centaurea)

Sweet William

(Dianthus Barbatus) A favorite old-fashioned perennial, very effective in mixed borders. If sown in the autumn they will bloom the following spring.

Hunt's Auricula Eyed—A splendid mixed strain, of richest colors, with white eyes and white margin, 18 in. 0 3

Splendid Mixed—All colors and markings .. 0 3

Sunflower

Pkt.

Splendid hardy annual border plants. No flowers are more decorative or ornamental than these; all varieties should be grown; all grow five feet, except Miniature and Dwarf Double. Sow in the early spring.

NOVELTY.—Yates' Red Sunflower, (see coloured insert).

Tall Single—Yellow, good for planting at back of borders 0 3

Primrose-colored—A charming variety, very pretty 0 3

Argophyllus—Bright silver foliage, single yellow flowers 0 3

Globosus—Very large double flowers, tall .. 0 3

Dwarf Double—Dwarfer variety, most desirable 0 3

Large Russian—Seeds grown for fowl feed; it is also a stately plant for large borders. Small packet, 3d. 0 6

Miniature—Pretty dwarf single variety, suitable for bouquets, one of the best annuals, 3 ft. 0 3

Miniature in Named Varieties. We offer the following new varieties:—

Nanus Compactus—Dwarf and compact .. 0 3

Diadem—Large, light citron flowers 0 3

Orion—New, with crisped petals 0 3

Stella—Extra large flowers 0 3

Collection of four varieties 0 9

Swainsonia Coronillifolia

A native shrub growing to about four feet high, and flowering almost continuously through the whole of the year, bearing racemes of purplish pink, pea-shape flowers; an excellent small flowering shrub for gardens. 0 6

TACSONIA (Varieties)—See Creepers, page 72.

THUNBERCIA—See Creepers, page 72.

Torenia

These are extremely beautiful greenhouse or bush-house plants, and are very easily managed. They should be sown under glass in seed pans in the early spring, and when sufficiently large placed out in pans, say three inches apart. They are much more effective in masses like this than when grown singly in pots. They will bloom very freely all the summer, and make one of the prettiest pot plants we know. In semi-tropical climates, they will do well in the open borders.

Fourneri Alba (White Wings)—A particularly interesting variety of these lovely little plants. The flowers are pure white, tinted with a delicate rose at the throat .. 0 6

Fourneri—Purple and white 0 6

Bailloni—Deep yellow, with brownish red throat 0 6

Collection of one packet of each variety.. 1 0

TROPŒOLUM (Varieties)—See Creepers, page 72.

Novelties in Sweet Peas for 1914.

WE are again advised by our Manchester (English) House that the number of really first-class Novelties is very limited, but they have secured the best exhibited at the English 1913 Horticultural Shows. The descriptions are furnished by the raiser, and most sorts will only contain a few seeds (6 and 12) to the packet.

Brooklands Queen—Striking pale salmon shading on soft rose, with slightly paler wings. The buds open out very deeply tinted. This variety makes a very delicate and decorative bunch. Per packet, 1/3.

Empress Eugenie—This beautiful novelty was awarded a certificate of merit by the American Sweet Pea Society, June 29th, 1911, but owing to its shy seeding character we have not been able to introduce it until this season. The colour is a delicate tone of light grey, flaked with lavender. A vase or bunch of Empress Eugenie gives a most charming effect. The flowers are of large size, beautifully waved and crimped. A vigorous grower and very free bloomer, throwing a large proportion of four-flowered sprays. Per pkt., 1/-.

Illuminator—An American novelty, the ground colour of which is a warm orange salmon, suffused orange scarlet; said to be several shades richer and deeper in colour than Edith Taylor. A vigorous grower, with flowers of good substance, well waved, and borne upon long stout stems. Per packet, 1/-.

King White—Claimed as the best white yet raised. An extremely vigorous grower, very free flowering, bearing a large proportion of four-flowered sprays on stout long stalks. The flowers are of immense size, bold, expanded size and attractively waved. Received an award of merit from the National Sweet Pea Society in 1912 and from the Royal Horticultural Society in 1913. Per packet, 1/-.

Mrs. J. Emmett (Bolton)—A beautiful and distinct light apricot, overlayed with a rich creamy pink. It is the most delightful Sweet Pea I have the pleasure of sending out. This is sure to be a very popular variety on account of its pleasing colour. The plant is a strong grower and very free flowering, and the four-bloom sprays are produced in profusion; will make a telling bunch for exhibition. Per packet, 1/6.

Mrs. B. Gilbert—Award of Merit, 1911, N.S.P.S. It is a most beautiful waved variety, being profusely covered with large wavy flowers, mostly in fours on long stems. In colour it is beautiful marbled or flaked purplish lilac on a faint dove grey ground, the stripe radiating from the centre about half-way across the standard, leaving a broad margin almost white. It has been greatly admired by all who have seen it. Per packet, 1/3.

Red Chief, Improved (Bolton)—Award of Merit, International Sweet Pea Trials. This variety will be found a great improvement on Red Chief in every way. The colour is a lovely shade of mahogany-shaded orange; it is a very strong grower, and certainly the best of its colour for exhibition; four flowers on nearly every stem, sometimes five. Per packet, 1/6.

Wedgwood—This is appropriately named, being a most beautiful Wedgwood blue throughout the entire flower. It is entirely free from the harsh purple shading found in Flora Norton Spencer and others of that type; at the same time, is much larger than Flora Norton Spencer, Princess Mary, Southcote Blue, Kathleen McGowan or Zephyr. Wedgwood produces profusely flowers of good size (but not so gigantic as King White), borne almost uniformly in four-flowered sprays, well placed upon long stout stems. Of finest form and well waved. It is the colour that has long been wanted, and for which we anticipate an eager demand. Like most true Spencers, while blooming most abundantly, many of the flowers drop without setting any seed pods. Per packet, 1/-.

Yates' Selection of the Best Spencers introduced previous to 1914 Sweet Peas

Note.—Varieties marked (E) are those most suitable for exhibition purposes on account of form and size. Asterisk * indicates novelty of last year.

	Per Pkt. s. d.
A. A. Fabius (E)—Giant cerise; one of the best of its colour	o 6
Afterglow—Bright violet blue, shading to glowing rosy amethyst	o 6
Aggie Elder*—An effective lovely cerise	o 6
Agricola* (E)—Delicate blush, suffused rosy lilac	o 6
America Spencer—White, distinctly striped and flaked red	o 3
Andrew Aitken*—Lovely shade of terra-cotta pink	1 o
Anglian Fairy* (E)—Pale lemon ground with suffused coppery tint	o 6
April Blue—The best blue flake	o 6
Arthur Green—Maroon shaded	o 3
Barabara (E)—Magnificent orange salmon, requires shading	o 6
Bertha Massey—Pale mauve lilac, Award of Merit, 1911	o 6
Bertie Usher—Violet flake	o 6
Bertrand Deal, Improved* (E)—A giant rosy lilac, finely waved	o 6
Blush Beauty—White, faintly shaded delicate pink	o 6
Bouquet—Veined rose, on white ground	o 3
Brunette* (E)—A rich mahogany self, highly recommended	o 6
Cambridge Blue*—Clear bright pale blue; vigorous and free	1 o
Chastity—Delicate blush, deeper at edge	o 3
Charlie Irving—A distinct salmon	o 3
Charm*—Glistening snow white, suffused delicate pink	o 6
Cherry Ripe—A finely waved cerise	o 3
Clara Curtis—Pale yellow or cream; good	o 3
Coronation—Delicate apricot, flushed pink; vigorous	o 6
Crimson Giant* (E)—Enormous rich crimson self	o 6
Decorator*—Light rosy carmine self; greatly admired at National S.P. Trials	o 6
Dobbies' Cream (E)—Waved; one of the best of its shade	o 3
Dobbies' Scarlet*—A lighter shade than Red Star	o 6
Dobbies' Sunproof Crimson	o 6
Dobbies' True Lavender	o 6
Dorothy—Rosy mauve	o 6
Edith Taylor (E)—Beautiful salmon-rose; invaluable for exhibition	o 6
Edrom Beauty—Lovely waved orange salmon	o 3
Elfrida Pearson (E)—Extremely large cream pink; distinct	o 3
Elsie Herbert (E)—Distinct picotee fancy, white ground with pink edge	o 3
Etta Dyke (E)—Still one of the best pure white varieties	o 3
Evelyn Hemus (E)—Cream, shaded yellow, with picotee edge of terra cotta pink	o 3
Fair Maid, Improved*—Flesh colour, tinted cream, approaching apricot	o 6
Flora Norton Spencer—A silvery-blue self	o 3
Florence Nightingale (E)—One of the largest and best lavenders yet introduced	o 3
Gladys Burt—A soft rich salmon pink with shaded centre	o 3
Gordon Keeble*—White, suffused pale heliotrope, with white veins	o 6
Hercules (E)—Pale rosy pink, of extraordinary size and substance	o 6
Inspector*—Deep orange salmon, throwing many duplex flowers	1 o
Isobel Malcolm—Ivory-coloured flowers of exquisite quality	o 3
John Ingman (E)—Enormous rich rosy magenta, flushed crimson	o 3
Juliet—Pale apricot on lemon ground; lovely refined flower	o 3
King Manoel (E)—An intense maroon of enormous size	o 6
Lady Evelyn Eyre (E)—A large pale pink, flushed salmon; good	o 3
Lady Miller* (E)—Buff, suffused salmon pink; extremely pretty shade	o 6
Lavender George Herbert* (E)—One of the best of its colour	o 6
Leslie Imber—Medium blue, with deeper blue wings; distinct	o 3
Lilian* (E)—Pale cream pink, slightly flushed buff; charming variety	o 6
Lord Nelson Spencer* (E)—A deep blue, which stands well in the sun	o 6
Loyalty—A violet flake on white ground; best of its colour	o 3
Margaret Atlee* (E)—Apricot on cream ground; gigantic size; exquisitely waved	o 6
Marchioness of Tweedale—White, edged and flushed deep rosy pink; most attractive	o 3
Masterpiece—Rich lavender, with large flowers	o 3
Mauve Queen—Mauve; distinct and effective	o 3
Maud Holmes (E)—A sunproof crimson of the largest size, and well waved	o 3
May Campbell (E)—Cream ground, marbled and flaked carmine	o 6
Moneymaker—Splendid white	o 6
Mrs. C. W. Breadmore (E)—Cream, edged rose; one of the best of its colour	o 3
Mrs. George Charles—One of the best dark blue Spencers yet raised	o 3
Mrs. Stewart Champion—A soft cream, overlaid with rose	o 3
Mrs. Cuthbertson (E)—Still one of the best rose and blush bicolours	o 3
Mrs. Hugh Dickson—A distinct cream pink	o 3
Mrs. D. Denholm Fraser* (E)—White ground, flaked salmon; good	1 o
Mrs. Heslington—Lavender, shaded mauve	o 3
Mrs. Reginald Hill*—A lovely lilac lavender, inclined to rosy lilac	o 6
Mrs. Routzalm—Cream, shaded rosy buff	o 3
Mrs. Hardcastle Sykes—Beautiful blush pink	o 3
Mrs. Townsend—White, splashed violet	o 3
Mrs. W. J. Unwin (E)—Glowing Orange, scarlet flake on white ground	o 3
Muriel Quick*—White, veined light blue; extremely effective	o 6

Yates' Spencers—*Continued.*

	Per Pkt. s.	d.
Nubian (E)—A large-flowered deep chocolate self; vigorous grower	0	3
Orchid* (E)—Rich deep lavender, slightly suffused pink; flowers extra large	0	6
Orion—A rich ruby self	0	6
Paradise Ebony—One of the darkest Sweet Peas grown, being a deep rich purple	0	3
Paradise Primrose (E)—A beautiful clear primrose yellow; large and waved	0	3
Primrose King—Well waved primrose; splendid for exhibition	0	6
Primrose Spencer—Pale primrose	0	3
Prince George (E)—Standard lilac rose, shaded solferino red; wings violet rose	0	6
Princess Mary*—Peacock blue wings, slightly mauve on standard	0	6
Queen of Norway (E)—A giant rosy mauve, good substance and beautifully waved	0	3
R. F. Felton (E)—One of the best lavenders; highly recommended	0	3
Red Chief—A large red maroon, base of standard slightly tinted orange	0	3
Red Star—A scarlet Spencer which received an Award of Merit, 1911	0	6
Rosabelle (E)—The largest, most vigorous and wavy of the rose shades	0	3
Scarlet Emperor (E)—A large, bright, sunproof scarlet	0	6
Scarlet Monarch—Another scarlet, which has been much shown	0	6
Senator Spencer—Claret and chocolate striped on light heliotrope ground	0	3
Snowdon—Pure white, well waved, and of good substance	0	6
Stirling Stent—A glowing orange salmon, which needs shading	0	3
The Squire* (E)—A scarlet crimson, said to be an improved Maud Holmes	0	6
Thos. Stevenson (E)—A bright orange scarlet; needs shading	0	3
Walter P. Wright—Distinct light lavender	0	3
Winsome—A lovely rosy heliotrope	0	3

Yates' Mixtures of Tall Sweet Peas.

Yates' Giant Orchid Flowering.

Without a doubt the very best mixture of Sweet Peas obtainable, the seed being saved by ourselves from two to three hundred varieties, and **composed exclusively of the best waved and Spencer sorts**, including the most recent of Sweet Pea introductions previous to the present year.

This mixture will, therefore, meet the wants of those who grow Sweet Peas in mixture and yet desire to obtain blooms equal in colour, size and form to the latest named varieties, and we ask customers to bear this in mind when comparing the price with the cheaper and less choice imported seed.

Price: Small packet, 6d.; large packet, 1/-.
Per oz., 1/9; per ¼lb., 6/-. Post free.

Yates' Mangere Mixed

Contains a fair proportion of the waved Spencer varieties, as well as some of the best of the old grandiflora type. The seed is saved by ourselves, and can be relied upon to produce splendid results for garden decoration and market purposes. Price, 10s. 6d. lb.; 6s. the ½lb.; 3s. 6d. the ¼lb.; 1s. per oz., or per packet 6d., post free.

Finest Imported Mixture—

7/- per lb.; 2/- per ¼lb.; 9d. oz.; 3d. packet.

"Duplex" Spencers

A double standard type of Sweet Pea, giving a large percentage of fine double-standard flowers.

	Per packet. s.	d.
"Duplex Spencer"—Rich cream pink, with bright lemon keel	0	6
"Duplex Crimson King Spencer"—Sunproof red self of King Edward Spencer shade	0	6
"Duplex Lucy Hemus"—Carmine rose, with buff wings	0	6
"Duplex Mary Garden"—Pale carmine rose	0	6

Yates' Collections Sweet Peas.

These do not include any 1914 Novelties, but are of exceptional value, being selected with due regard to variety of colour; and as our list is kept well up to date purchasers can rely upon obtaining sorts worthy of anyone's cultivation.

7/6 Yates' Exhibitors' Collection 7/6

20 of the best varieties for 7/6 post free.

These comprise only those sorts which found a place in the Prize Stands of the 1913 Shows. In former years we have submitted a list of names included in this collection, but owing to the heavy demand upon our stocks we had often to substitute, and therefore have decided to issue no list of names, but to send the very best we are able to supply.

20 varieties. Yates' Exhibitors' Collection for 7/6

5/- Yates' Garden Collection 5/-

25 splendid varieties for garden decoration.

2/6 Yates' Garden Collection 2/6

12 distinct sorts for garden decoration.

Dwarf Cupid Sweet Peas

	Per packet. s.	d.
Boreaton—Rich purple and brown	0	3
Countess of Radnor—Light lavender	0	3
Captain of the Blues—Purple and blue	0	3
Extra Early Blanche Ferry—Rose and white	0	3
Firefly—Dazzling scarlet	0	3
Pink—Very showy	0	3
Primrose—A delicate colour	0	3
Salopian—Rich dark crimson self	0	3
White—Pure white	0	3
Mixed—All colours	0	3
Collection of nine varieties in separate colours	1	6

CHOICE FLOWER SEEDS. 1914

Verbascum Phœniceum

Pkt.

A hardy herbaceous perennial, growing three feet high, and bearing long spikes of various colored flowers in abundance. A splendid border plant.

Mixed Hybrids—Violet and red shades .. 0 6

Verbena

Nothing can surpass in beauty and brilliancy a bed of Verbenas. If cared for and not allowed to seed, they will continue in bloom for months. Imported seed of this plant often fails to germinate. By carefully saving the seed only when quite ripe, we find seed of our own raising grows abundantly. Sow in autumn for the best results.

Yates' Large Flowering Extra Choice Mixed—This is a fine strain of our own saving; the flowers are large, and all shades of color .. 0 6

White—Very pretty 0 3

Defiance Red—Brilliant 0 3

Rose Queen—A delicate tint of rose. On well-grown plants each individual flower measures about an inch across. Splendid for bedding 0 6

Good Mixed—Mixed colors 0 3

Erinoides—Blue, white or mixed. Distinct from the above. Has very small flowers, but is a very suitable plant for hot, dry borders and similar situations, where it makes a good show in masses 0 6

Venosa—A pretty flowering annual variety; very useful for bedding, with purple flowers. In warm climates it is perennial 0 3

Violets

(Sweet Scented) This seed is very slow to germinate, and requires a cool temperature and shady seed bed to bring it up well. They should be transplanted into the borders when large enough, and kept watered till established. Hardy perennial.

Odorata—The common sweet-scented variety. Can supply both blue and white ... each 0 3

The Czar—Purple and white, large flowers .. 0 6

Admiral Avellan—Deep purplish red 0 6

Empress Augusta—Dark blue, extra fine .. 0 6

Hamburg Forcing—Dark blue, early 0 6

Italica—Italian forcing Violet 0 6

Laucheana—Very fine, dark blue 0 6

Lees Odoratissima—Very fragrant 0 6

Marguerite de Piemont—Large, dark blue .. 0 6

Princess of Wales—Very large 0 6

Sulphurea—Sulphur yellow, very distinct .. 0 6

Welsiana—Large, dark blue 0 6

Or one packet, all varieties mixed, 1s., or a **Collection** of one small packet, each of nine varieties 2 6

For **PLANTS** see Nursery Catalogue.

VIRGINIA CREEPER—See Climbers, page 71.

Verbena: Yates' Large Flowering.

Viola Cornuta

Pkt.

For ribbon borders and carpet bedding in the early summer, these Violas are unsurpassed. We can supply either in separate colors or mixed. Sow in early autumn, and treat the same as Pansies. They are, however, only suitable for cold moist climates where the summers are cool and moist.

Purple, Yellow, and White 0 6

Virginian Stock

Pretty old-fashioned hardy annuals; they are suitable for edgings or small borders. Should be sown in autumn. Six inches.

Red 0 3

Yellow 0 3

Fairy Queen 0 3

Crimson King 0 3

Mixed—White and red 0 3

Viscaria Oculata

Extremely showy hardy annual, delighting in hot sunny situations, and making a great show in the borders. The flowers are rose-colored, with dark eye; 18 in. 0 3

Vinca Rosea

Pkt.

Pretty perennial border plants, with periwinkle-like flowers.

White and Rose—2 ft. 0 3

Wallflower

(Cheiranthus Cheir) Old favorite perennial border plants, with very fragrant blooms. Sow in early autumn for spring flowering. With the exception of the Winter Blooming variety, Wallflowers should only be grown in cool climates, excepting annual varieties.

Double German—A splendid strain, will give a large percentage of double flowers 0 6

Single Purple—Fragrant 0 6

Single Golden Yellow—Sweet 0 6

Single Ruby Gem—Red, with bluish satin-like sheen 0 3

Single Blood Red 0 3

Single Mixed Colors—Best for general planting 0 3

Single Annual Paris Earliest—Planted in the late summer or early autumn, these will bloom the following spring. They are the only type worth growing in warm climates. We offer a mixture of several colors 0 3

Ornamental Grasses.

Waitzia Aurea Fine hardy annual, everlasting flower; good for borders or cutting ... ... Pkt. 0 3

Zinnia Elegans

They are not excelled as border plants for summer flowering, and will continue to bloom right through from spring till the late summer. The seed we offer will give a great variety of the most brilliant colors and flowers of the very best form and size. Successional sowings should be made from early spring every eight weeks till the autumn. The first blooms usually come more or less single, and should be removed from the plants.

SPECIALITIES—New and Choice Strains, page 32.

Pumila Finest Double—Mixed, semi-dwarf, suitable for bedding 0 3
Collection of six distinct colors 1 6
Zebra-Striped—Mixed colors, tall; will come 60 per cent. true 0 6
Plenissima Robusta—Double giant Zinnias, mixed colors. These are an extremely handsome class; the flowers are double the size of the older type, with intense glowing colors, 3 ft. 0 6
Grandiflora Alba, Queen Victoria—A large flowered white variety of this splendid border plant. A particularly good strain 0 6
Dwarf Lilliput—Miniature, for bedding, in mixed colors 0 6

Whitlavia Grandiflora Pkt.
Very pretty hardy annual, with attractive blue gloxinia-like flowers; sow in autumn or spring; 6 in. 0 3

Xeranthemum A hardy annual, everlasting flower, good for cutting or borders.
Mixed—White, purple, and rose flowers; 2 ft. 0 3

Zea Japonica (Variegated Maize) A very handsome and stately border plant, growing four feet high, with variegated foliage; should not be sown till late in spring, as it will not stand frost; splendid border plant 0 3

Zinnia Elegans Plenissima Robusta.

Ornamental Grasses.

These should be sown thinly, in clumps, during the autumn. We can supply all the following varieties at 3d. per packet, or a Collection of six varieties for 1s., or fifteen varieties for 2s.

Agrostis Minutiflora—Very graceful, suitable for bouquets and vases.
Agrostis Nebulosa—Graceful hardy annual, 18 in.
Agrostis Pulchella—Handsome.
Avena Sterilis (Animated Oats)—Splendid for cutting, hardy annual, 4 ft.
Eleusine Indica—Hardy annual, very interesting, 18 in.
Eragrostis Elegans (Love Grass)—Hardy annual, 12 in.
Hordeum Jubatum—Very handsome plumes, 18 in.
Lagurus Ovatus (Hares' Tail Grass)—Effective in bouquets, annual, 18 in.
Panicum Plicatum—Hardy annual, elegant, 3 ft.
Pennisetum Rueppelianum—Hardy annual, new and effective, 3 ft.
Pennisetum Longistylum—Handsome.
Setaria Macrochœta—Splendid for bouquets.
Stipa Pennata (Feather Grass)—Perennial, very graceful and elegant, effective in the border, 2 ft.
Tricholœna Rosea Erecta—Hardy perennial, graceful feathery panicles, 18 in.
Tricholœna Atropurpurea—Very ornamental.

NOTHING adds so much to the appearance of a garden as a good assortment of Creepers. They are invaluable for covering fences, arbors, and walls, and when trained up a trellis are most useful for blocking out unsightly places. The following varieties are quite hardy, excepting in very cold localities, and they are easily raised from seed. We should recommend that they be sown in pots. When large enough, transplant them into small single pots. When a fair size and well rooted, they can be planted in the open. Almost all seeds will germinate more freely if sown under a glass frame on a mild hot bed. For early planting, especially in our cooler districts and in New Zealand, such artificial warmth is necessary, particularly with the undermentioned varieties marked *. Where such convenience is not obtainable, we would ask customers not to plant these varieties till late spring, when the temperature of the soil averages 70 degrees. In warm localities such protection is unnecessary, but too early planting should be avoided.

We will supply a Collection of one packet each of Twelve Choice Climbers (our selection) for 3s.

Packet

***Abrobra Viridiflora**—A rapid-growing, half-hardy perennial gourd, with tuberous roots; its dark foliage and bright scarlet fruit form a striking contrast 0 6

***Ampelopsis Veitchii** (Virginian Creeper)—A lovely perennial creeper, easily raised from seed, which should be planted in a pot. It clings most tenaciously to a wall, and the foliage goes blood-red in the autumn before it falls... ... ... 0 6

Aristolochia Elegans—A new variety of the old "Dutchman's Pipe," without the unpleasant odor usually accompanying the flowers of this genus. It is a rapid climber, easily raised from seed, and flowers most profusely. When in full bloom, it forms one of the most beautiful climbers yet introduced; it is hardy, except in very cold climates, where it should be grown under glass. Seed germinates slowly 0 6

***Bignonia Tweediana** — Remarkably handsome perennial climber, suitable for warm climates; exceedingly showy, with yellow flowers 0 6

***Bryonopsis Laciniosa** (Ornamental Cucumber)—An ornamental annual climber of the gourd family. It is a very rapid grower. Sow when frost is over 0 3

Bryonia Alba—Hardy perennial climber, with black berries ...3d. and 0 6

Butterfly Running Bean—A highly ornamental new variety of the Scarlet Runner Bean. They are immense croppers, yielding a pod fully equal to the old garden variety in flavor, and, in addition, the plants are so covered with clusters of beautiful large salmon-rose and white colored flowers that the foliage is almost hidden. A splendid strong-growing climber for covering trellis work, etc. 0 6

***Calampelis Scabra** (Eccremocarpus) — One of our finest perennial climbers, with orange-colored flowers. Sow in spring ... ... 3d. and 0 6

Cardiospermum Halicacabum (Balloon Vine) — A beautiful and curious tender annual creeper, bearing white flowers. Sow in late spring; 6 ft. 0 6

Packet

***Cobœa Scandens**—A tender perennial creeper, with handsome foliage and large bell-shaped flowers, green at first, but changing to violet-blue ... ... 3d. and 0 6

***Cobœa Scandens, White**—With white flowers 0 6

Convolvulus Major, Single (Tall Morning Glory)—This is a tender annual, and should be sown in late spring. We can supply all colors mixed, or the following separate colors:—Crimson, scarlet, blue and carmine 0 3

Convolvulus Major (Double and Semi-Double)—A new form of these lovely summer flowering annuals. The colors vary from pure white to white spotted and veined with blue, red, and purple shades. One of our most showy, quick-growing climbers 0 6

Dolichos Lablab (Hyacinth Bean)—Tender annual, rapid grower, ornamental 0 3

Dolichos Lignosus — Vigorous, hardy perennial climber. We offer either the white or pink, separately or mixed. White is not so strong a grower as the pink, and is very pretty for cutting 0 3

***Gourds, Ornamental** — Rapid annual climber, very ornamental. Sow when frosts are over, and plant in well-manured ground... 0 3

***Humulus Japonicus** (Japanese Hop)—Annual climber, suitable for trellises, or, when well supported, planting alone; rapid grower. Sow when frosts are over 0 6

***Humulus (Variegated)**—Similar to above, but with variegated foliage 0 6

***Ipomœa Grandiflora** (Moon Flower) — Beautiful tender annual climber, large pure white flowers, which open as the sun goes down, closing at 10 or 12 following morning. Sow when frosts are over 0 6

***Ipomœa Learii**—Beautiful hardy perennial climber; very rapid grower; beautiful violet flowers. Sow when frosts are over 0 6

***Ipomœa Quamoclit**—Tender annual climber, with delicate dark green feathery foliage, and an abundance of star-shaped rose, scarlet, and white blossoms. Sow when the frosts are over; height, 15 ft. 0 3

HARDY VINES and CREEPERS (CONTINUED).

Packet

***Ipomœa Gigantea**—Very handsome flowers of gigantic size, ranging in color from snow-white to carmine, through every shade of blue and purple to nearly black; also many striped and marbled sorts 0 6

Ipomœa Imperialis—A beautiful climber, bearing large flowers of all shades of white, pink, and blue 0 3

***Ipomœa Mixed**—The best sorts of Ipomœa in mixture 0 3

***Lophospermum Scandens**—Beautiful perennial creeper, hardy in mild climates; rose-colored flowers 0 6

***Mandevillea Suaveolens**—Vigorous perennial climber, handsome trumpet-shaped white flowers, fragrant; hardy, except in cold districts ... 0 6

Maurandia Barclayana—Blue 0 3

Maurandia Emeryana—Rose 0 6

Maurandia Albiflora—White... ... ... 0 6

Maurandia, Mixed—Hardy perennial climbers, with dense foliage and masses of blue, white, and rose flowers suspended in graceful clusters ... 0 3

***Medeola Asparagoides** (Smilax)—A beautiful tender climber, very suitable for vases or hanging baskets. Before sowing soak the seed ... 0 6

***Mina Lobata**—Beautiful half hardy annual climber, which will thrive in any warm sheltered situation; its flowers are first vivid red in the bud, and change to orange and cream as they open 0 6

***Mormordica Balsamina** (Balsam Apple)—The fruit, when ripe bursts suddenly open, scattering its seed and showing a brilliant carmine interior 0 6

***Passiflora Edulis** (Passion Fruit Vine)—Tender perennial climber, suitable for warm districts only. When once established it is a remarkably quick grower, and bears in suitable situations heavy crops of the well-known fruit 0 3

***Phaseolus Caracalla** (Snail Flower)—A remarkably effective and beautiful perennial climber. The curious purple flowers are very useful for bouquets. Will thrive in any moderately warm climate 0 6

***Physianthus Albus** (The Moth Plant)—Is a beautiful and vigorous growing perennial climber, with exquisitely scented white pendulous flowers, which have the property of attracting moths and killing them by holding them as in a vice till dead. The flowers are succeeded by pretty gourd-like seed pods. Sow any time in mild districts; but in cold localities spring sowing is best 0 6

***Solanum Seaforthianum** — One of the handsomest plants for covering a verandah or arch. During the summer months it is covered with hundreds of clusters of large lavender-blue, Wisteria-like flowers, succeeded by bunches of scarlet berries. Does well in Sydney and similar mild climates. Sow in late spring, summer, or in artificial heat 0 6

Tacsonia Mixta — Remarkably quick evergreen growing climber, invaluable for covering unsightly fences or sheds, bearing blooms resembling the Passion flower (of a lovely shade of soft pink) in great profusion; fruit large, oblong shape, and edible, and as a beautiful quick-growing climber can be highly recommended.. Will thrive in all mild climates where other Passion flowers grow; it should not be planted in cold districts 1 0

Packet

***Tacsonia Van Volxemi** (Scarlet Passion Flower) — Remarkably handsome climber thrives in a sunny situation; half hardy 1 0

Thunbergia, Mixed—Remarkably pretty little climbers, running up four or five feet; pretty white, yellow, and buff flowers, black centre; half hardy 0 6

Tropœolum Canarinesis (Canary Creeper)—H.H.A., creeper, pretty yellow butterfly like flowers; will succeed anywhere if sown when frosts are over; likes a partially shaded situation and cool, moist climate ... 0 3

Tropœolum Lobbianum — For named varieties of these beautiful climbing nasturtiums, see list of choice Flower Seeds... ... ... 0 3

Tropœolum Pentaphyllum—Tender annual. Sow in spring; do splendidly and give a wonderful show of bloom when grown in pots ... 0 6

YATES' LAWN GRASS SEED, Etc.

ONE of the most attractive sights in a garden is a good lawn, and in most localities it is comparatively easy to make a good lawn from seed in a few months. We strongly recommend that the seed should be sown in the autumn, otherwise the finer grasses do not establish themselves before the hot weather is on. It is very important that the area to be sown should be thoroughly clean of weeds, and this is only obtained by levelling the ground and allowing it to lie fallow during the summer preceding; hoe the ground once a fortnight, and finally rake smooth. On no account should the land be redug just previous to sowing the seed. The young grass should be kept rolled, especially after rain, any stray weeds should be pulled out, and as soon as high enough, the lawn mower should be brought into regular use. Frequent cutting thickens the sward and keeps down weeds.

Auckland Exhibition, where we supplied over 400lb. of Grass Seed for Main Lawns.

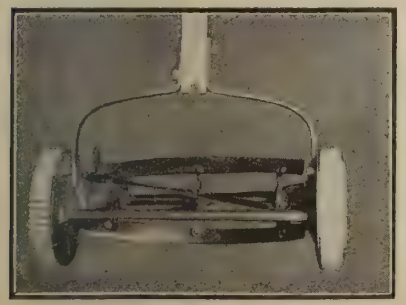
Yates' Finest Evergreen—This is a mixture of the finest dwarf varieties, mixed in the proper proportions to make a permanent evergreen turf. We find that the volcanic and other light soils of the Dominion require a slightly different mixture to the heavier loams, so we make up a special mixture for such, and would ask our customers when ordering to state the kind of soil they have to deal with. A plot of ten yards square will require 3lb. of seed, but with large areas from 80lb. to 120lb. to the acre are usually sown. Price, 6d. per ¼lb. packet; 1/6 per lb.; 10lb. and over, 1/3 lb. Special quotations for large quantities.

Bowling Greens—We make a special mixture of those varieties of grasses which have proved to stand best in swards for this purpose. Price, per lb., 1/9; 10lb. and over, 1/6 per lb.

Buffalo Grass—As this variety does not seed, only the roots can be supplied. These should be transplanted out a few inches apart in the spring and will speedily cover the surface of the lawn. It does best in hot, dry climates and steep slopes, keeping green when everything else is dried up. Price, 18/- per 1,000 roots, 2/- per 100; carriage extra.

YATES' LAWN MANURE.

One of the principal causes of the failure of so many lawns is the lack of suitable nourishment to sustain the grass, which consequently slowly dies out and allows weeds to take possession. We would strongly recommend those who would wish to have good lawns to apply some suitable manure as a top dressing in spring and autumn, which will have the effect of encouraging the growth of the grass by supplying it with its own special food elements, and helping it to hold its own against weeds. To meet this want we are putting up a **Special Lawn Manure**, which we recommend to be applied from 2 oz. to 4 oz. to the square yard, or 56 lb. to 112 lb. to an ordinary double court tennis lawn. Price—7 lb., 1/-; 14 lb., 1/9; 28 lb., 3/-; 56 lb., 5/-; 1 cwt. 9/6, including cost of bags.



SPEEDWELL.

LAWN MOWERS.

We sell the Best English and American Machines obtainable, including **Green's Silens Mesor, Runaway, Speedwell, Caldwell's Imperial, Chain Roller, Pennsylvania, New Rover, Gem, etc.** Write for Implement List, giving full particulars.

RUNAWAY.

Yates' Tree Seeds for Shelter—Timber and Hedges. 1914

The planting of suitable trees for shelter and timber is absolutely necessary on all farms, whilst for adding to the appearance of either homestead or suburban garden, a few clumps or single specimens of ornamental trees and well-kept green hedges make all the difference. The chief consideration is to sow seed of those varieties of trees, etc., which will give the best results, and every planter should carefully consider the object for which he is planting, whether for shelter, timber, or purely ornamental purposes.

We have given this matter very careful consideration, feeling convinced that in the past many mistakes have been made in planting unsuitable trees, or, at any rate, of planting varieties which are of little value compared with other trees that are just as easily raised. We are, therefore, issuing a small pamphlet which will be found of interest by intending planters, and we shall be pleased to post a copy upon receipt of application.

We offer the following Tree Seeds, which have been procured from the most reliable sources:—

"A few clumps of trees and well kept hedges add immensely to the look of a homestead."

TREE SEEDS FOR SHELTER AND TIMBER.

	Per oz. s.	d.
Acacia Decurrens Mollissima, or Tall-growing Black Wattle. The best of the Wattles for post-rails, bark, etc. 6/6 per lb.	0	6
Cupressus Macrocarpa—Forms quick efficient shelter	1	0
Cupressus Lawsoniana—Slower growing, but more permanent than the Macrocarpa; makes a splendid ornamental breakwind	1	6
Gums or Eucalyptus— (Australian Saved Seed, 2/- per oz. Seed saved in Auckland Province from Selected Trees, 4/- per oz.)		
E. Obliqua, or Stringybark of Tasmania		
E. Eugenioides—Stringybark		
E. Macarthuri		
E. Viminalis		
E. Tereticornis		
E. Rostrata, or Victorian Red Gum		
E. Fastigiata		
E. Paniculata—Grey Ironbark		
E. Sideroxylon—Red Ironbark		
E. Capitillata		
E. Creba		
E. Gunnii		
E. Marginata		
E. Robusta		
Pinus Radiata (Insignis)—Very rapid grower, and produces good timber for butter boxes, etc., after 30 to 40 years	1	6
Pinus Muricata—Slower growing than the former, but succeeds better in certain districts	2	0
Pinus Ponderosa	1	6

TREE SEEDS FOR SHELTER AND TIMBER. (Continued).

	Per oz. s.	d.
Pinus Sylvestris (Scotch Pine)	1	0
Pinus Pinea (Stone Pine)	0	6
Pinus Strebus	1	0
Pinus Laricio (Corsican Pine)	1	0
Pinus Austriaca (Austrian Pine)	1	0
Pinus Canariensis (Canary Island Pine)	1	6
Pinus Maritima, or Pinaster (Cluster Pine)	0	6
Abies Douglasii, or Oregon Pine	2	0
Larix Europea, or Larch	0	6

TREE SEEDS FOR SHELTER AND ORNAMENT.

Tree Seeds for ornamental purposes can be utilised as shelter, but are not so valuable as timber trees; form splendid specimen trees for lawns, etc.

	Per pkt. s.	d.
Acacia Baileyana, or Cootamundra Wattle 1/- oz.	0	6
" **Normalis** 1/- oz.	0	6
" **Pycnantha,** or Golden Wattle 1/- oz.	0	6
E. Amygdalina	0	6
E. Citroidora, or Lemon-scented Gum	0	6
E. Coriacea	0	6
E. Corymbosa	0	6
E. Corynocalyx, or Sugar Gum	0	6
E. Haemastoma	0	6
E. Meliodora	0	6
E. Sieberiana	0	6
E. Stuartiana	0	6
E. Ficifolia, or Scarlet Flowering Gum	1	0
E. Urnigera	0	6

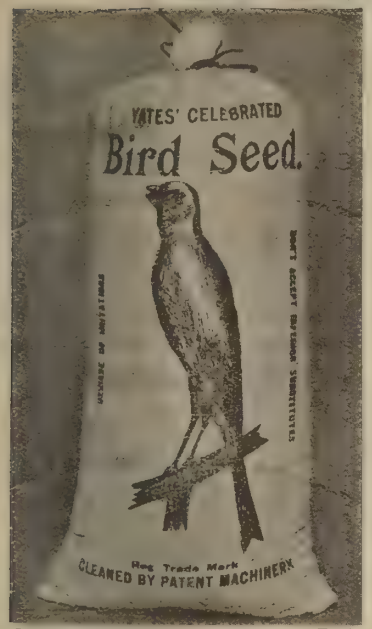
TREE SEEDS FOR SHELTER AND ORNAMENT (Continued).

	Per pkt. s.	d.
Norway Spruce (Abies Excelsa)	0	6
Schinus Molle, or Pepper Tree	0	6
Sequoia Sempervirens 1/6 oz.	0	6
Thuja Orientalis 1/- oz.	0	6
" **Gigantea** 1/6 oz.	0	6
" **Aurea** 1/6 oz.	0	6
Wellingtonia Gigantea 3/6 oz.	0	6
Also, most of the New Zealand Native Tree Seeds	0	6

HEDGE SEEDS.

	Per oz.	
Albizzia Lopantha—The quickest growing hedge, lasting 6 to 8 years; will not stand severe frosts 5/- lb.	0	6
African Boxthorn—Especially suitable for sandy districts near the sea coast	1	0
Acacia Decurrens Mollissima—Stands where Albizzia fails; quick growing 6/6 lb.	0	6
Acacia Normalis	1	0
Berberis Vulgaris, or Prickly Barberry 6/- lb.	0	6
Cupressus Macrocarpa	1	0
Cupressus Lawsoniana	1	6
Hakea Acicularis	2	0
Kangaroo Acacia	0	9
Robinia, or Pseudo Acacia, or White Prickly Acacia; hardy, but suckers from root 6/6 lb.	0	6

YATES' BIRD SEED.



We are probably the largest importers of Bird Seeds, and always have fresh seed on hand; also, by putting through large quantities, we can afford to thoroughly clean all our seed—we have special machinery for this purpose. We shall be glad to quote the following: — **Canary (Plain), Rape (German or Summer), Millet (White, Red, etc.), Hemp and Linseed, Rape (English or Winter Inga and Maw).**

YATES' CELEBRATED MIXTURE for Canaries (in Calico Bags and Pictorial Cartons)—We have no hesitation in stating that this is the very best Bird Seed procurable. The mixture contains 12 different varieties of seed, all of which are specially selected and re-machined before mixing. We have been sending out this mixture for many years, and the only complaint we have received about it is that "it costs a trifle more than some brands" (we could not afford to clean it so thoroughly otherwise), a striking testimony to its cleanness, which ensures your birds being kept in the best of health. Bulk Lots: 14lb., 4/9; 28lb., 9/-; 56lb., 17/-; 112lb., 34/-; or, in either Calico Bags or Pictorial Cartons, 2lb. size 9d., 1lb. 6d. Postage or carriage extra, subject to sales and fluctuations of market.

It costs less than 1d. (ONE PENNY) per week to feed a Canary on our Special Re-machined Seed. Is it wise to give your feathered pets cheap, dirty seed?

YATES' PARROT FOOD—This is a special mixture of re-cleaned seeds, for which we find an ever-increasing sale. It contains all the best seeds, etc., which go to make up a perfect parrot food, and can be highly recommended to those who have parrots or paroquets to provide for. In Carton Packets 6d. each (see illustration), or large packets 1/-, or in quantity (price on application).

GERMAN PASTE—This is a food prepared solely by us for soft-billed birds, such as thrushes, etc. It is made from the finest crushed bird seed, egg, etc., and as we only make a limited quantity at one time, and then put it into air-tight tins, customers can rely upon its being in good condition to feed to their birds. Price, 1/- per tin. Postage 6d. extra.

YATES' CANARY GRIT—Finest crystal, 3d. per packet.

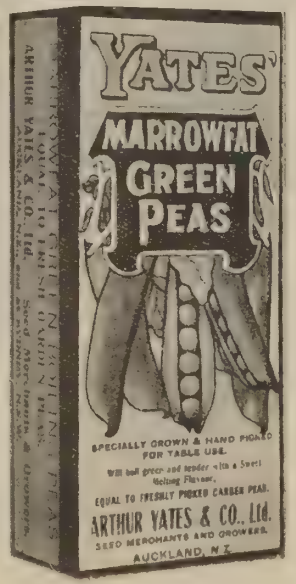
YATES' SILVER SAND—The purest obtainable, 3d. per packet.

YATES' POULTRY MEAL—Unequalled. 11/6 per 100lb; 6/- per 50lb.; 1/9 per 14lb.

YATES' FOWL GRIT—9/- cwt. 4/9 per 56lb.; 2/6 per 28lb.; 1/- bag.

All Carriage extra, subject to sales and fluctuations of the market.

YATES' MARROWFAT BOILING PEAS—These form a splendid substitute for fresh green peas when the latter are out of season, and we have no hesitation in recommending them, as our ever-increasing sales prove. Price, 4d. per packet, postage 5d. extra; or 2 packets for 1/1, post paid.



Yates' Root Seeds. Agricultural Seeds.

We sell Seed of **Tested Growth** of the best varieties of **Swedes, Turnip, Mangold, Carrot, Beet,** etc., including:—

Swede Turnip.

Yates' Champion Purple Top—Globe-shaped.
Yates' Monarch Purple Top—Tankard-shaped.
Yates' Crimson King—Tankard-shaped.

Kangaroo	Drummond's
Elephant	Skirving's
Superlative	John Bull

Field Turnip.

Purple Top Aberdeen	Pomeranian White Globe
Green Top Aberdeen	Devonshire Grey Stone
Yellow Tankard	Purple Top Mammoth

Imperial Green Globe

Mangolds and Beet.

Yates' Mammoth Long Red—A very select stock.
Yates' Champion Yellow Globe.
Golden Tankard—Excellent keeper.
Long Yellow—An excellent variety, heavy cropper
Giant Half Sugar Mangold—Rose.
Giant Half Sugar Mangold—White.
Sugar Beet—Improved White.
Silver Spinach, or Seakale Beet.

Field Carrot.

Yates' Selected White Belgian Carrot.
Yates' Improved Orange Giant.
Yates' Barriball Grows well in the ground.
Yates' Improved Altrincham—A long red Carrot.

Grass and Clover Seeds.

We do largely in Re-cleaned Grass Seeds, and have at our Auckland establishment a complete plant for cleaning all varieties of grasses and clovers. With these machines we can thoroughly dress **every class of seed,** and separate all noxious weeds and rubbish, the resulting sample being perfect. We hold very large stocks of all the following varieties, and shall be glad to send samples and prices to intending purchasers. **We Publish an Illustrated and Descriptive Price List of Farm Seeds, and shall be pleased to forward post free on application.**

Cocksfoot, Re-machined	Meadow Fescue	Rib Grass
Ryegrass, Perennial	Chewings „	Mustard
„ Italian	Hard „	Lucerne, etc., etc.
Western Wolths	Tall „	Cow Grass
Prairie Grass	Fine-leaved „	Red Clover
Paspalum Dilatatum	Sheep's „	White Clover
Danthonia Pilosa	Poa Pratensis	Alsyke
„ Semi-annularis	„ Trivialis	Crimson Clover
Rape, English Sowing	„ Nemoralis	Yellow Trefoil
Meadow Foxtail	Red Top	Lotus Major
Timothy	Brown Top	Lotus Corniculatus
Crested Dogstail	Fiorin	Lotus Angustissimus

Sundry Fodder Seeds.

We are always in a position to offer the very best samples of the following, being able to **re-machine** our stocks and so produce reliable samples as free from impurities as is possible to obtain seed. Prices of these lines fluctuate so quickly that we cannot include them here, but we will be glad to forward quotations and samples upon application.

Cape Barley	Sorghum varieties
Ryecorn	Maize varieties
Tares (Vetches)	Peas, Field varieties
Millet, Hungarian and Japanese	Beans, Horse
Oats, Algerian, and other varieties	Buckwheat
Wheat Seed, Tuscan and Pearl	

Manures, Artificial.

Our A.Y. Manures represent the best possible value as regards analysis. See Pages 16 to 19 of our Farm Catalogue.

Write for our Farm Seed Catalogue and Fodder List, which furnish full particulars of all the above.

YATES' DAIRYING SPECIALITIES.

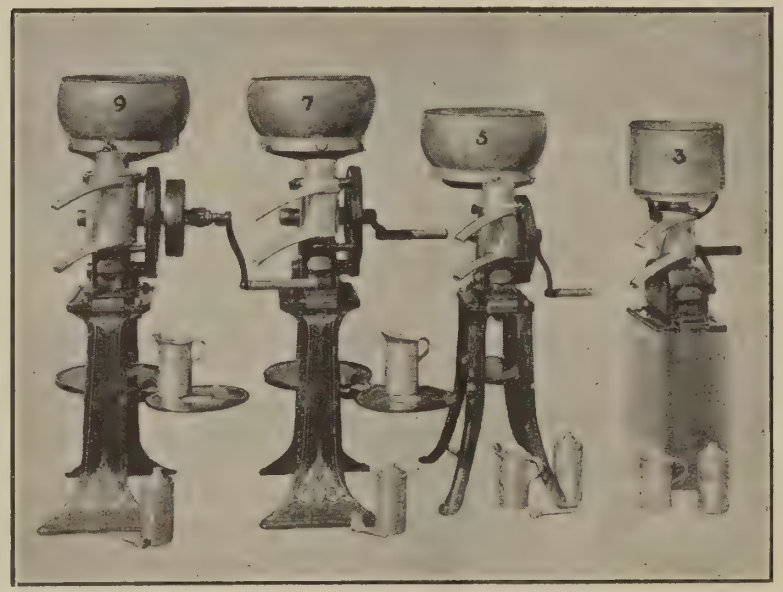
Anker-Holth Cream Separators.

Positively the Best Separator yet offered.

READ THIS TESTIMONIAL AND THEN WRITE FOR FULLER PARTICULARS.

Taupiri
27th Dec 1913

Messrs Aryate & Co
Dear Sirs
I am now pleased to inform you that the Anker Holth Separator purchased from you is running smoothly, also I have had the skim milk tested which was highly satisfactorily particulars of which I will enclose herewith.
I can now recommend this Separator as a smooth running, clean skimming & easily washed
Yours Sincerely
J Trewin



COPY OF REPORT of Creamery Manager of N.Z. Dairy Association, Ngaruawahia.
Mr. Trewin, Taupiri.
Dear Sir,—Your skim milk samples tested as follows:
Morning milk .01 per cent.
Evening milk .02 per cent.
This is good work, and reduces your loss (in cream) to almost nil.

18 REASONS WHY YOU SHOULD OWN AN ANKER-HOLTH CREAM SEPARATOR.

1. Because the bowl is absolutely self-balancing.
2. Because all bearings are self-oiling, and require no attention.
3. Because it has an open dirt chamber to catch all impurities.
4. Because it has a durable self-oiling, flexible bearing.
5. Because no milk will ever get into the bearings.
6. Because the discs do not have to be put in numerical order.
7. Because one can leave a run half done, return whenever convenient and begin where left off without cleaning the bowl.
8. Because it is the easiest to clean.
9. Because a woman or child can run it.
10. Because it is easier to assemble than any other separator.
11. Because all parts of the bowl are interchangeable.
12. Because you do not have to send the bowl to the factory to be re-balanced.
13. Because this machine will skim from 5 to 600 lbs. or 250 quarts of milk per hour.
14. Because it contains a less number of different parts than any other.
15. Because it can skim colder milk than any other.
16. Because the cone-shaped discs point down and give a perfect drainage of the cream into the cream can, not draining the cream off into the skimmed milk when standing, or finishing up of the run, as some other separators do.
17. Because it is the most sanitary separator made.
18. Because it extracts a greater percentage of butter-fat than any other machine.

PRICES

No. 3 size, 32 gallon capacity, £11 10 0 — No. 7 size, 66 gallon capacity, £23 0 0
No. 5 „ 49 „ „ £16 0 0 — No. 9 „ 90 „ „ £28 0 0

Less 3¾ per cent. cash with order, or 2½ per cent. cash in month, or terms as by arrangement.

"Reliable" Calf Food. None better, if so good. 25-lb. bags, **5/6**; 50-lb., **10/6** 100-lb., **20/-**; 200-lb. sacks, **38/-**.

Tuberous Begonias.

We make a great speciality of Tuberous Begonias, and offer the finest strains of both Singles and Doubles. For cultural directions we would refer customers to Yates' Gardening Guide. They can only be supplied in the early spring months—July to October. It is very important that Begonias should not be permanently potted up until they have commenced growth. Let them start in shallow, well-drained pans, or pots almost filled with drainage. We will send them all post free.

A.—Selected Singles, in mixed colours, for pot culture, 1/- each, 9/- per doz.

B.—Extra Selected Singles, in separate colours, white, yellow, pink and red shades, suitable for exhibition, each 1/6, 12/- per dozen.

C.—Selected Doubles, in mixed colours, for pot culture, 1/6 each, 12/- per dozen.

D.—Extra Selected Doubles, in separate colours, white, yellow, pink, and red; fine exhibition varieties, 2/- each, 18/- per dozen.

E.—Finest Double Named Varieties. We have quite a large collection of the very best exhibition varieties imported from England. We offer them in separate colours (our selection) at 5/- each, or six for 24/-. For show purposes nothing can excel these.

New Single Frilled-edge Begonias (Crispa)—This is a very distinct new section, the large single flowers being very prettily frilled or serrated. We offer four colours (scarlet, yellow, white, and pink), 2/- each, or six assorted for 10/-.

Begonia Cristata—These, which are probably the most beautiful, as well as the most curious, of all the Tuberous Begonias, have on each petal a dense crest or beard, composed of curiously twisted threads, which gives the flowers a very curious appearance. We offer four shades (red, rose, yellow and coppery, and white), each 2/-, post free; six assorted, 10/-.

Begonia Erecta Multiflora (Double)—These are a dwarf, compact, and very floriferous class in Double Begonias, extremely beautiful grown in hanging baskets, or groups of three in a seed pan, or in single pots. We have these in twelve separate named varieties in various shades. Each 1/-, or 5/- for six separate varieties; 10/- per dozen, post free.

Begonia Bertini—A superb variety, with drooping flowers. These are of an intense cinnabar red colour, flowers very abundantly. Each 1/6, post free.

Collections of Tuberous Begonias.

F.—12 tubers, assorted colours, single and double, 9/-.

G.—12 tubers, selected, singles and doubles, separate colours, for exhibition, 12/-.

H.—Fancy Begonias, 5 tubers of assorted Cristata and Frilled Edged varieties in various colours, and one tuber of Bertini. Post free, 7/6.

Gloxinias.

We can supply these bulbs in the early spring. Nothing can excel the Gloxinia in richness and beauty. They require potting in a compost of good turfy loam, leaf mould and sand, in equal parts, well mixed. They are tropical plants, so, except in very hot districts, should be grown under glass. This year we only supply them mixed. This is an excellent mixture, however, and contains a full range of colours, with many beautiful tigered and spotted varieties. Mixed 1/- each, 10/- per dozen.

Cyclamens.

Yates' Selected Giant Large Flowered.

We can offer dry tubers of these lovely plants in December and January, when they are at rest; our Giant strain is one of the finest grown, and cannot fail to give great satisfaction. They should be potted up in a good, well-drained compost in three-inch pots. Keep in a bush-house or cool, well-ventilated frame. When well grown, transfer to five-inch pots, and as the roots fill the pot, give weekly waterings of weak liquid manure. They will bloom in the Winter and early Spring. We can supply the following:—

Mixed Colours—Price, each 1/-, per dozen 10/-, post free.

Giant Large Flowered, White, Light Shades and Dark Shades, separately or mixed. Each 1/3, per dozen 12/-.

Lowe's Salmon King—The most beautiful salmon pink variety. Very large flowers. Each 1/6, per dozen 15/-.

Bush Hill Pioneer—A pure white Cyclamen, having a distinct feather or crest at the base of each petal. Each 1/6.

Papilio—A strain of Cyclamens, with curled and waved petals, giving them a very pretty appearance. Mixed shades. Each 1/6, per dozen 15/-.

Cannas, Giant Flowering.

We can supply them from June to September.

The flowers of the new and improved varieties we offer are most gorgeous and effective, with handsome banana-like foliage. To get the best results, Cannas should be lifted every winter, and only single roots replanted, say one foot apart. Always cut back to the roots all stems which have flowered. Cannas do exceptionally well as pot plants in the bush-house or conservatory. Plant in a moist situation, and water if necessary. We offer a large number of varieties. Price, 1/-, 1/6 each, or a Collection of 12 varieties for 13/6, post free.

Peonies, Herbaceous.

Ready from June till August.

We have a splendid collection of named varieties, embracing all shades from crimson through pink to white. Price, 1/3 each, per dozen 12/-, postage extra.

YATES' FLOWERING PLANTS. 1914

CHOICE ANNUAL AND BIENNIAL SEEDLINGS.

ALL the leading Annuals and Biennials, grown in boxes, are supplied ready for planting in borders and gardens. Our plants are thoroughly hardened, having been grown in cool frames; are raised from selected seeds, both home grown and imported, and contain the best strains in the market. The following are quoted packing and carriage extra, and seeing these plants will carry splendidly by mail, providing they are sent per parcel post, customers can procure several dozen seedlings at a low cost of transit. The cost of packing and postage on one dozen plants = 6d., but up to 3 dozen may be sent for 9d., whilst up to 6 dozen will only cost 1/-. This cost varies slightly according to variety of plants sent. We repeatedly send plants to customers in the South by this means, who have reported their arrival in first-class order and condition.

PRICE, 9d. per dozen; **5/6** per 100, unless otherwise priced.
NOTE.—Not less than 1 dozen of a sort at dozen rate.
Not less than 50 of a sort at 100 rate.
All packing and postage extra.

Amaranthus—Choicest mixed, 1/- dozen.
Asters—Make a brilliant display, and are universal favourites. We offer best mixed.
Arctotis Grandis—1/ dozen.
Antirrhinum (Snapdragon)—Tom Thumb varieties in best mixtures.
Antirrhinum (Snapdragon)—Intermediate varieties in best mixtures.
Aquilegias (Columbines)—Splendid new hybrids. 1/6 per dozen.
Balsalm—Choicest mixed strain.
Campanula (Canterbury Bells)—Well-known hardy biennials. 1/- per dozen.
Campanula pyramidalis—Mixed. 1/6 per dozen.
Carnation Marguerite—Blooms throughout the Summer and Autumn; flowers beautifully fringed. 1/- dozen.
Chrysanthemum Tricolour—Single; mixed, comprising a wide range of exceedingly bright and attractive flowers.
Chrysanthemum Dunnettii—Double; beautiful bright shades.
Chrysanthemum inodorum plenissimum—Pure white double flowers; invaluable for bouquets and cutting.
Cineraria hybrida—Extra choice mixed. 1/- per doz.
Calliopsis (Coreopsis) Drummondii—Rich golden yellow.
Calliopsis (Coreopsis) grandiflora—Golden yellow; a striking variety; invaluable for cutting. 1/- doz.
Calliopsis (Coreopsis) tinctoria—Splendid mixed.
Cornflower—Varieties in best mixtures.
Cosmos—Giant white; a splendid strain.
Cosmos (Mammoth Perfection)—In splendid mixtures.
Cosmos (Klondyke)—Large orange-coloured flowers; very distinct and beautiful. 1/- per dozen.
Cyclamen Persicum Giganteum—6d. each, 5/- dozen. Seedlings available until July only.
Daisy—Double white. "Snowball," 1/- dozen.
Daisy—Double red, 1/- dozen.
Delphinium elatum hybridum—A splendid strain; produces large handsome flower spikes of different shades of blue; most highly prized for garden decoration and cutting. 1/6 per dozen.
Dimorphotheca Aurantiaca—Orange, 1/6 dozen.
Dianthus Heddewegii—Single and double, best mixed.
Gaillardia—Special mixture; finest single and double, 1/- per dozen.
Geum Coccineum—Scarlet, pretty. 1/6 per dozen.
Golden Feather—Brilliant golden yellow foliage for bedding and edging.
Godetia—Large flowered, mixed.
Gypsophila—Two varieties. 1/6 per dozen.
Helichrysum (Everlastings)—Assorted; large flowered.
Hollyhocks—Double; choicest mixed colours. 1/6 per dozen.
Larkspur—Branching; finest mixed doubles.
Leptosyne Maritima—Charming golden yellow. 1/- dozen.
Lobelia, Emperor William—Dark blue; very compact.
Lobelia, White Lady—Pure white, dwarf.
Marigold, Double African—Produces immense heads.
Marigold, Double French—Best mixture.
Marigold, Dwarf French—Splendid bedder; continues in bloom all the Summer.
Miniature Sunflower (Helianthus Cucumberfolius).
Mimulus—Tigered and spotted, splendid varieties.
Nemesia Strumosa Suttoni—Extremely showy annuals of easy cultivation; the colours are quaint; most lovely and attractive. 1/- per dozen.
Pansy—Our specially-selected strains; choicest and best shaped flowers of rare beauty; every one who has had them is delighted. 1/- per dozen.
Petunia hybrida fimbriata—Large flowered, fringed, single, splendid strains, mixed. 1/- per dozen.
Petunia hybrida fimbriata fl. pl.—Large flowered, fringed, double, unrivalled strain, mixed. 1/6 doz.
Petunia hybrida—Large flowered, single mixed. 1/- dozen.
Petunia hybrida fl. pl.—Large flowered, double, mixed. 1/6 per dozen.
Penstemon—Large flowering, and improved strain, best mixed. 1/- per dozen.
Phlox Drummondii grandiflora—A superb mixture; flowers of the largest size and most striking colours; best of all Summer annuals.
Potentilla hybrida—Double improved varieties. 1/- dozen.
Poppy—Only the finest varieties, both single and double.
Primula sinensis (Chinese primulus)—Choicest mixed. 2/6 per dozen. Available up to June only.
Portulacca—Saved from the finest double flowers only.
Pyrethrum roseum—Mixed; beautiful hybrids. 1/6 to 2/- per dozen.
Salpiglossis grandiflora—Finest mixed. 1/- per dozen.
Salvia Bonfire—Glowing scarlet. 2/- per dozen.
Scabiosa—A mixture of the most showy and largest.
Stocks, Dwarf German Ten Weeks—Large flowered; finest mixed.
Stocks, Beauty—Mixed; superb biennial, early flowering. 1/- per dozen.
Stocks—Intermediate, superb, mixed.
Stocks—Brompton, choicest mixed.
Sweet William—Superb, mixed.
Verbena hybrida—Various, beautiful, dazzling colours.
Wallflowers—Single and double flowered, best varieties.
Zinnia Elegans—Double; the finest strain; flowers large, well formed and very double; in best mixture.

The majority of the above are available from July until December, but Cinerarias, Pansies, Stocks, Sweet William, Wallflower, Mimulus, Nemesia, Carnation Marguerite, Antirrhinum, and Canterbury Bells can be supplied from April onward.

TOMATO PLANTS.

Obtainable from September until December. Price, 9d. dozen, 5/6 per 100, packing and carriage extra.

Yates' Market Favourite—First early. A selection of the old large red, with large, slightly ribbed fruit, which are produced in great profusion. It is one of the earliest varieties grown. The fruit is very solid, juicy and good-flavoured, and where a ribbed Tomato is not objected to, this is one of the best varieties to grow, on account of the enormous yield and hardiness. This variety will thrive and perfect its fruit in dry or wet seasons, when others are all affected with black spot and rot.
Yates' Early Smooth Red—As early as Market Favourite, but smoother in the skin, being free from ribs; excellent for market.
Holmes' Supreme—Flesh solid, brilliant red, of best quality; large size and round, perfectly smooth, without wrinkles. Our test proves this to be a superior variety. Best for home use.
Burwood Prize—Smooth, red. Most suitable for warm localities.
Golden Perfection—Smooth golden yellow.
Trophy—Smooth red; late.
Selected Peach—Smooth brick red.
Early Ruby—Smooth red.
Yellow Plum—Small plum-shaped.

NOTE—Parcel post rate=3d. for first lb., and 1½d. each additional lb.

YATES' FLOWERING PLANTS. 1914

ROSES.

We stock all the Latest Novelties both in Roses and Carnations, as well as the best of the better known varieties. Full descriptions of these are given in our Nursery Catalogue, post free on application.

Gloxinia-Flowered Pentstemons.

These gorgeous flowering plants do particularly well in New Zealand gardens. They are most easily grown, standing heat and drought better than almost any other border plants. They are constantly in bloom, and if they are attended to in the way of cutting away old blooms, giving regular watering and manuring, they respond wonderfully. The varieties we offer are a wonderful improvement on the old type. The flowers are equally good for border decoration or for cutting. Price, 1/- each, 10/- per dozen; postage or freight extra. They can be supplied from May until November.

New Perennial Phloxes.

The immense flowers and huge trusses produced by these latest varieties should command a place in the gardens of all growers of high-class hardy perennials. Price, 1/3 each, 12/- per dozen; postage or freight extra. Can be supplied in autumn or spring.

Chrysanthemums.

Japanese Varieties, 1/- each, 8/- dozen.
Incurved Varieties, 1/- each, 8/- dozen.
Yates' Selection of above, 6/- dozen.
Packing and Postage Extra.
New Single Chrysanthemums, for decorative purposes.

A detailed list of Chrysanthemums, Dahlias, etc., is issued by us early in September, and a copy will gladly be posted to anyone applying.

Cactus Dahlias.

These are a Speciality of ours, and we regret we cannot give a detailed list in this Catalogue to do justice to the up-to-date collection which we have. We are printing a descriptive list of Dahlias, Chrysanthemums, etc., which will be ready early in September, and will gladly post a copy upon application. In this list we shall offer the best of the 1914 Novelties, as well as a carefully revised selection of 1913 and older varieties.

Prices	Each.	Doz.
	s. d.	s. d.
Novelties for 1914	2 6	24 0
Last Year's Novelties	1 6	12 0
General Collection	1 0	9 0
Yates' Selection of 12 Varieties ..		7 6

Packing and Postage Extra.

OUR NURSERY CATALOGUE, issued in May, contains a full descriptive list of Fruit and Ornamental Trees and Flowering Plants, such as Roses, Carnations, Bouvardias, Pentstemons, Fuchsias, Phlox, etc. Write and ask us to post you a copy.

We can supply Labels for Naming and Raffia for tying Flowering Plants.

The "Iron Age" Labour Saving Tools

OUR IMPLEMENT CATALOGUE, published in July contains a full descriptive list of Iron Age Labour Saving Tools, including

Potato Planters, Potato Diggers
Riding Cultivators, New Model Horse Hoe
No. 6 Hill and Drill Seeder
No. 22 Manure and Seed Distributor
Double Wheel Hoe and Cultivator, etc.
Riding Cultivators
Potato Planters and Diggers.

Yates' Garden Tools.

THE BEST TOOLS FROM THE BEST MAKERS ONLY STOCKED.

The No. 6 Hill and Drill Seeder.

Fig. 689.

The "Perfect Success" Bucket Spray Pump.

Fig. 689. Code Word: **"Zafferano."**

Price, without Bucket, **25/-,** or post free for **27/-.**

The Fig. 689 represents our well-known Success Spray Pump with **improved combination foot-rest, bucket clamp, and bail holder.** Florists, gardeners, fruit-growers, and farmers who wish a durable, convenient spray pump at a low cost can find nothing better. This outfit is a most excellent one for ordinary use in gardens, vineyards, and orchards; for washing windows and buggies, and for the application of whitewash. Our new combination bucket clamp and foot-rest enables the operator to have the pump and bucket clamped together as one outfit, with the bail standing upright in a rigid position. Thus the entire outfit can be carried in one hand, **a feature possessed by no other spray pump.** The pump has a large air chamber and is double-acting, throwing a continuous stream either **solid** or in **fine spray. It is provided with Bordeaux Nozzle and four feet of discharge hose.**

This outfit should be on every farm. No matter what other style of spray pump one may possess, there is nothing quite so handy for general purposes. **Its value as a protection against fire should not be overlooked.** The "Perfect Success" Pump is packed in a neat box for shipping.

Spray Pumps.

For Orchard, Field and Garden.

Space will not permit of a detailed list of Pumps in this Catalogue, but such will be found in our Special Pump and Implement Catalogue, which will be posted free upon application. We illustrate herewith the Two-Bucket Pumps, for which we have an ever-increasing sale, and one of which, on account of their varied usefulness, should be in every home.

The "Success" Bucket Spray Pump.

Fig. 659.

Fig. 659. Code Word: **"Zabumba."**

Price, 21/-, or post free for **21/-**
Net Cash with Order.

Brass Working Parts and Air Chamber. Indestructible Bronze Ball Valves. Malleable Iron Foot-Rest.

The annexed cut represents a most excellent Pump for use in gardens, vineyards, greenhouses, orchards, for washing windows and buggies; also, for spraying poultry houses. **The working parts are all brass,** and bucket foot-rest is made of malleable iron. Nothing could be simpler and more durable than this Pump. It has large air-chamber space and is double-acting, throwing an absolutely continuous stream, either solid or in fine spray. The end of hose connecting to Pump is coiled with brass spring wire, adding largely to its durability. This Pump is rightly named, and as a leader for general use it cannot be beaten. "Nothing succeeds like 'Success.'" The **"Bordeaux"** Nozzle, the best combination Spraying Nozzle on earth, is furnished with "Success" Pumps. This Nozzle throws a solid stream, fine or coarse spray (adjustable), and is easily degorged. This Pump is packed in a neat straw-board box. The price puts it in the reach of everyone, and it should take the place of the ordinary syringe.

Write for our Implement Catalogue, which illustrates and describes the Implements, Pumps, and Garden Tools, etc. we sell.

YATES' HORTICULTURAL SUNDRIES. 1914

Aphicides, Hunt's and Hughes', 2/-.
„ Barrel, 1/6.
Artificial Flowers and Leaves, for Florists' Work. Prices on application.
Barometers, 20/-.
Bell Glasses—

Inches	3	4	5	6	7	8	9
Prices	1/2	1/4	2/1	2/7	3/-	3/9	4/3
Inches	11	12	13	14	15		
Prices	5/-	6/-	7/3	8/9	10/-		

Bird Lime, 6d. per tin, postage 2d. extra.
Bird Fanciers' Specialities—
Postage extra.
Bird Baths (porcelain, glass), 6d. and 8d. each.
Bird Nests, wicker 6d., zinc 6d., medicated material 3d. each.
Bird Tonic for Canaries, 9d., 1/3, and 2/- per bot.
Bird Bottles, small 3d. each, Hyde's Tall 4d. each.
Canary Gravel, 3d. per packet.
Colouring Food for Canaries, etc., 1/3, 2/6 and 4/- tin.
Fountains, small 6d. each, large 8d. each.
Bone Cutters—
No. 5 C, at 36/-; No. 5 B, at 46/-.
No. 5 BM, at 59/6; No. 7, at 67/-.
Buckets, Fibre, 3/3 each.
Button-hole Holders, 3d., 4d., 6d., and 1/- each.
Cape Flowers (Immortelles), for florists' work, ½lb. 2/3, 1lb. 4/3.
"Daisy" Sprayers or **Lawn Sprinklers** (in brass), 3 inch 5/6, 4½ inch 13/6, 6 inch 17/6.
Distributors, small, filled with powder for disinfecting birds, etc., 9d. each.
Distributors, Bellows, for Powdered Sulphur and Lime Distribution, 3/3 each.
Distributors, for greenhouse use, 1/- and 2/- each.
Distributors, "Ideal" Sulphurators, 7/6 each.
Flower Gatherers, 5 inch 3/-, 6 inch 3/3, 7 inch 4/6.
Flower Pots, per doz. Thumbs 9d., 3 inch 1/3, 4 inch 1/9, 5 inch 2/-, 6 inch 3/-, 7 inch 4/6, 8 inch 6/6, 9 inch 9/-, 10 inch 12/-, 12 inch 20/-.
Flower Pots, Paper (Neponset), 3 inch 6d. doz., 3/6 100; 4 inch 9d. doz., 5/- 100; 5 inch 1/- doz., 7/- 100.
Flower Pot Saucers, per doz., unglazed inside—4 inch 1/4, 5 inch 1/9, 6 inch 2/6, 7 inch 3/3, 8 inch 3/9, 9 inch 5/-, 10 inch 6/6, 12 inch 10/-.
Flower Pot Saucers, per doz. Green, special, glazed inside, waterproof—5 inch 5/-, 6 inch 6/6, 7 inch 7/8.
Flower Seed Pans, each—6 inch 6d., 8 inch 8d., 10 inch 1/-, 12 inch 1/3.
Flower Vases (Green Finger), splendid for specimens—5 inch 9d. each, 6/6 doz.; 6 inch 1/- each, 9/9 doz.
Foot Irons, to attach to boot when digging, 1/6 each.
Fumigators, Tebb's, for frames and greenhouses, 5/-.
Fumigators, No. 4 XL All, 7/6 each.
Fumigators, Compound for above, 1/- cake, 10/- doz.
Fumigators, Compound Liquid, 1/- to 3/6 bottle.
Garden Lines, Best Quality, 30 yards 1/3, 60 yards 2/3.
Garden Iron Reels, for above, 2/6 each.
Garden Tools, 8/6 to 10/- per set.
Gloves, per pair—Housemaid's Chamois 1/6 to 2/-, Leather 1/9 and 2/-; Ladies' Drab 2/4, Hedgers' 2/- to 2/9, Oxford Tan 2/9 to 3/3, Drummond's Button 2/9 to 3/3, Hedgers' Mits 3/-, Hedgers' Mits (1 finger) 3/3, Leather Gauntlets 2/1, 2/3, 2/6, 2/9, 3/9, 4/6.
Grafting Wax, per tin, 1/-.
Grass Plot Knives, for cutting grass borders, 9in. 2/6.
Horticol, a splendid preparation for protecting seeds from the ravages of birds, 1/6 per tin.
Hyacinth Glasses, 1/- to 1/6 each.
Indelible Ink, for marking Zinc labels, 6d. per bottle.
Jadoo Fibre—This is a potting medium which has proved itself to be well adapted for raising seedlings, growing bulbs, and for pot plants generally. It is best mixed half Jadoo and half soil, teasing out the Jadoo and placing the coarse fibre just above the "crocks," with the finer fibre and soil mixed above. Price, per bushel 4/-, per bale of 6 bushels 21/-.
Knives, Saynor's Pruning, 1/8, 3/-, 3/3, 3/6, 3/9, 4/-, 4/6.
Knives, Saynor's Budding, bone handled, 3/3, 3/6 and 4/-.
Labels, German Wood, per 100—4 inch 8d., 5 inch 9d., 6 inch 1/-, 7 inch 1/3, 8 inch 1/6, 9 inch 1/9.
Labels, Zinc, in bundles of 50—

Fig.	1	2	3	8	9	10	11
Prices	1/9	3/3	4/6	2/-	3/6	3/6	3/-

Labels, Painted—5in. 6in. 7in. 8in. 9in.
1/2 1/6 1/10 2/2 2/6
Labels, Kauri, 12 inch 10/6 per 100, 18 inch 13/6 per 100.
Labels, Waterproof, 9d. per 100, 6/- per 1,000.
Labels, Allproof Patent Glass, to hang, 1/6 per doz
Labels, Allproof Patent, for borders, 2/- and 2/6 doz.
Mushroom Spawn, per brick 1/-, post paid 1/4.
Netting—Old Herring Netting, for covering Seed Beds and protecting Fruit Trees. Supplied in the following sizes up to 50 yards lengths. **The measurement contracts about one-third when stretched.** Per yard, 2 yards wide 3d., 3 yards wide, 4d., 4 yards wide 5d., 8 yards wide 9d. Special quotation for lengths of 50 yards.
Pencils, Wolff's Garden, 4d. each,
Poisoned Wheat, per packet, 6d. and 9d. per lb. Special quotation for quantity.
Raffia, for tying plants or budding, per lb., 1/6.
Rough on Slugs, per tin, 1/6.
Saws, Pruning, straight, 14 inch 3/-, 18 inch 3/3, 20 inch 3/6.
Saws, Pruning (Crescent shaped), 2/3 and 2/6 each.
Scissors (Vine), 6 inch 2/3, 7 inch 3/-.
Secateurs (Pruning Shears), "The Acme," 4¾ inch 2/6, 5¾ inch 3/-, 6¾ inch 3/6, 8 inch 4/6, 9 inch 5/6, post free. **Californian Brand** (spiral spring), 9 inch 5/-.
Springs for Acme Secateurs, 4¾ inch 6d., 5¾ inch 7d., 6¾ inch 8d., 8 inch and 9 inch 9d.
Shears, Hedge, Notched, 8 inch 4/6, 9 inch 5/6.
Shears, Sheep, 1/6 to 2/-.
Shears, Long-handled, Border, without wheel 7/9, with wheel 9/-.
Shears, Tree Pruners, 7/6.
Shears, Tree Pruners, for fixing on Pole, 12/3 and 3/6.
Stakes, for Supporting Plants, in bundles, per 100—1 ft. 1/-, 2 ft. 2/-, 3 ft. 3/-, 4 ft. 4/6.
Stakes, Dahlia, 1in. x 1in., 5ft., 3/6 doz.; 6ft., 4/- doz.
Sticks, Ti-tree, Pea and Bean, various lengths, 2/- to 4/9 100.
Summer Cloud, for shading glass houses, 1/3 pkt.
Syringes, 4/6, 7/6, and 12/6.
Thermometers, Boxwood, 1/6; Max. and Min., 4/6; Metal, 2/9; Dairy (floating), 1/-.
Tinfoil, for florists' work, 2/- per lb.
Tobacco Stems for fumigating, 6d. per lb.
Toothpicks (Wooden), for florists' use, etc., per pkt. 6d., 4/6 per dozen.
Watering Cans, 3/3 to 6/- each.
Watering Cans, Haws' Patent English, 8/6.
Wire Baskets, Wreath Frames, etc.—Prices on application.
Yates' Plant Food—This will be found a valuable fertiliser for all kinds of plants, and amateurs requiring to bring their plants to perfection should make use of this. Per tin 6d., post paid 1/-; per 7lb. bag 1/6, per 14lb. bag 2/6.

The Latest Insecticide "KATAKILLA."

A Non-poisonous Powder Insecticide Wash.

READY FOR USE WHEN MIXED WITH COLD WATER.

For some years we have stocked **McDougall's Insecticide** in its liquid form, and have personally proved it to be one of the very best Insecticides procurable.

"KATAKILLA" is a powder which the manufacturers claim is even more effective, being specially recommended for American Woolly Aphis, Red Spider and Scale Insects (as well as all other Aphis Fly) and Caterpillar.

Being in Powder form, it is easier handled, and costs less for postage or carriage.

In packages sufficient to make 10 gallons of Solution **1/9**
In packages sufficient to make 50 gallons of Solution **3/6**

The Best Grain Seed Protector "FORMALIN"

FOR TREATING GRAIN, such as Wheat, Oats, and Barley, previous to sowing, for Prevention of Smut. Also,
SEED POTATOES, for ensuring tubers are free from lurking disease spores.

For treating Grain, 1lb. bottle Formalin makes 40 gallons of Solution sufficient for about 50 bushels of seed.

For treating Seed Potatoes, 1lb. Formalin makes 32 gallons Solution sufficient for 1 ton of tubers.

Full directions with each package.

In 1lb. bottles, 2/-; carriage extra.

YATES' SPRAY MATERIALS.

Including INSECTICIDES, FUNGICIDES, AND SLUG DESTROYERS.

Spraying is so essential that we are always on the look out for the latest and most efficient preparations which will give the best results with the least labour and cost to the user.

Regarding materials, we stock the best, **and the best only**, of these preparations, which it is absolutely necessary to use if successful results are to be obtained from Garden, Farm, and Orchard. We are only too pleased to advise customers as regards what solutions to use, and the proper time to apply them, as ultimate results depend upon spraying with the right preparation at the right time.

The following are offered, carriage and packing extra, **subject to sales and market fluctuations:—**

Apterite—This is a preparation which is proving to be one of the most effectual "slug and snail" destroyers. Apterite is in the form of a powder which can be hoed or dug in some 4 to 6 inches, when it will destroy all insect life without injury to plants. In 1lb. 9d., 7lb. 3/-, 14lb. 4/6, 56lb. 9/6, 1 cwt. 12/6.

ARSENATE OF LEAD (the Codlin Moth Destroyer)
"Swift's" American Brand, 1lb. 1/6, 2lb. 2/9, 5lb. 6/3, 10lb. 10/-, 20lb. 20/-, 50lb. 45/-.
"Carlton" English Brand, 1lb. 1/3, 2lb. 2/3, 5lb. 4/6, 10lb. 8/-, 30lb. 22/6.

BLUE STONE (Pure Selected Sulphate of Copper)—For Bordeaux Mixture it is most important to use pure Bluestone, and we can supply either the **Macclesfield Crystal,** 98-99%, or **Strawson's Solubic,** 99% purity. Price upon application, as value varies according to market fluctuations.

Caustic Soda, for Winter Spraying Solutions, in 1lb. tins, 8d. each.

Fir Tree Oil—When diluted with water kills all sorts insect pests on plants and animals, small sample bottles 9d., ½ pints 2/-, pints 3/-, quarts 5/-.

Formalin (Commercial), for treating wheat and other grain, potatoes, etc., for fungus diseases. In 1lb. bottles, 2/- each.

Gishurst Compound—One of the cheapest and best insecticides, 1/6 and 2/6 per box.

Hellebore Powder—Invaluable for destroying leech, etc. 1/6 per lb., 9/4 per 7lbs.

HARBAS (Winter Spray), controlling Scale, Red Spider, American or Woolly Blight. An emulsified Red Oil, which holds well in solution, is easily mixed for use, and maintains an even quality (1 gall. makes 20 galls. solution). ½-gall. 3/6, 1 gall. 5/3, 2 gall. 8/6, 4 gall. 15/-, or 40 gall. at 2/9 gall.

Lime and Sulphur Solution—One of the best and safest Sprays for fungus diseases, as well as insect life. We keep the best and purest solution obtainable, 1/- bottle, 1 gall. 4/-, 5 gall. drum 15/-, 50 galls. 1/9 gall.

Lime, Unslaked—In air-tight tins, 6 lbs. 1/-, 12lbs. 1/10, 40lbs. 3/6.

McDOUGALL'S INSECTICIDES and TREE WASHES as follows:—

McDougall's Insecticide Tree Wash—For scale and insect pests this is thoroughly recommended. Pint 1/6, quart 2/6, 1 gallon 6/-, 5-gall. drum 25/-.

Weed Killer, 1 pint 1/6, 1 quart 2/6.

Wash for Dogs, Horses, etc.—Small tin 1/-, large tin 1/6.

Sheep Dip, 3/- per packet of 5 cakes, or 1/- cake.

Fumers (1 box does 1,000 cubic feet), 1/3 per box.

Anti-Mould Fungus Powder, per packet, 1/6.

Veterinary Soft Soap, per tin, 1/9.

Montauk—One of the best Winter insecticides, destroying all insect life which may be lurking on fruit trees, etc. Should only be applied during the Winter months when foliage is off the trees. Price: pints 1/-, quarts 1/6, ½-gallon 2/-, 1 gallon 3/6, 4 gallon 12/6.

Niquas, 1/6 to 2/6 tin. Good for destruction of green and black fly, red spider, etc.

Paris Green, 2/- lb.; special price for quantities.

Pearl Ash (Potash), for Winter spraying solutions, in 1lb. tins, 1/3 each.

Quassia Chips—One of the best preparations for destroying caterpillar, aphis, etc., using 1oz. to gallon of water. 8d. per lb.

Red Oil, prepared for use (Gargoyle) for combating all "scale" insects. 1 gall. tins, 3/3- gall.; 4 gall. tins, 2/9 gall.; 40 gall. barrell, 2/6 gall.

Scalecide—An American remedy for all "scale" pests. Price, 8/6 gall.; or in 4 gall. tins, at 7/6 gall.

Slugene provides the cleanest and least troublesome method of ridding your garden beds of slugs. Slugene is a powder which can be either dusted over the plants and soil, or dissolved in water and sprinkled over the beds. Our customers who used this last year report very favourably of it. In tins, 8d. and 1/3 each.

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Surpazoll—A liquid insecticide for killing aphis or plant lice. 1oz. makes 7 gallons solution. 1oz. bottle 1/6, 2½oz. 3/9, 5oz. 5/3.

Tobacco Dust—Makes a good solution for destroying aphis and caterpillars, besides killing snails, slugs, etc. 6d. per packet. Special price per cwt.

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Washing Soda—Sometimes used in place of Lime for making Bordeaux Mixture.

Three Splendid Weed Killers for Garden Paths, Walks and Drives.

Keep your Garden Paths, Gravel Walks and Drives free from weeds, moss and green growth.

One application yearly will give you this result, saving an immense amount of labour and doing away with the necessity of hoeing, and thus breaking up the surface of the ground.

HARRISON'S "RELIABLE" WEED KILLER, in tins sufficient to dress 75 to 100 square yards, 2/3.
SMITH'S "PERFECT" WEED KILLER, in two sizes—1/6 (makes 12½ galls.); 2/6 (makes 25 galls.).
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Full Directions for making most Spraying Mixtures given in our Gardening Guide. Price 3d., post free.

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CONTENTS.

All Growths Tested.

VEGETABLE SEEDS.

	PAGE.
Artichokes	3
Asparagus	3
Beans	3, 4
Beetroot	5
Borecole	5
Broccoli	5
Brussels Sprouts	5
Cabbage	6, 7, 8
Cape Gooseberry	9
Capsicum	9
Carrot	9
Cauliflower	10, 11
Celery	11
Choko	25
Collections	2
Cress	9
Cucumber	12
Egg Plant	13
Endive	13
Garlic Bulbs	17
Granadilla	25
Herbs	13
Kohl Rabi	13
Leek	13
Lettuce	14
Melons	14, 15
Mushroom Spawn	25
Mustard	13
Okra	25
Onions	16, 17
Parsley	21
Parsnip	21
Peas	18, 19
Potato Onions	17
Pumpkin	20
Radish	21
Rhubarb	21
Rosella	25
Salsify	21
Scorzonera	21
Shallots	17
Spinach	24
Squash	24
Strawberries, Alpine	25
Sweet Corn or Maize	24
Sweet Potato	24
Tobacco	21
Tomato	22, 23
Tree Onions	17
Turnip	25
Vegetable Marrow	25

FLOWER SEEDS.

	PAGE.
Abrobra	71
Abronia	36
Abutilon	36
Acanthus Lusitanicus	36
Achillea Ptarmica	36
Acroclinium	36
Adonis Flos	36
Agathea	36
Ageratum	36
Alonsoa	36
Alyssum	37
Amaranthus	27, 37
Ammobium	37
Ampelopsis	71
Anagallis	36
Anchusa	37
Anemone	37
Anomatheca Cruenta	37
Antirrhinum	27, 37
Aquilegia	28, 36
Arctotis	38
Aristolochia	71
Armeria Cephalotis	38
Arnebia Cornuta	38
Artemisia Gracilis	39
Asters	28, 38, 39
Aubrietia	39
Auricula	39
Balsam	40
Bartonia	39
Bean, Running	71
Begonia	40
Bellis Perennis	27, 40
Bignonia	71
Bocconia	39
Boronia Megastigma	39
Brachycome	39
Browallia	39
Bryonia	71
Bryonopsis	71
Calampelis	71
Calandrinia	40
Calceolaria	41
Calendula	41
Calliopsis	41
Callirhoe	40
Campanula	41
Candytuft	42
Canna	41
Canterbury Bells	42
Capsicum	41
Cardiospermum	71

FLOWER SEEDS.

	PAGE.
Carnations	29, 43
Castilleja Indivisa	41
Catananche	41
Celosia	43
Centaurea	44
Chelone Barbata	42
Chrysanthemums	44
Cineraria	28, 43
Clarkia	42
Cleome Pungens	44
Clianthus	45
Cobœa Scandens	71
Cockscomb	43
Coleus	28, 44
Collections	26
Commelina	45
Convolvulus Minor	45
Convolvulus Major	71
Coreopsis	45
Cosmos	28, 45
Cuphea	45
Cyclamen	28, 45
Dahlia	29, 30, 46
Daisy	46
Delphinium	47
Dianthus	30, 46
Digitalis	46
Dimorphotheca	47
Dolichos	71
Echinops	47
Eschscholtzia	47
Everlastings	26, 47
Exacum	47
Forget-Me-Not	47
Foxglove	48
Francoa Ramosa	48
Freesia	30, 47
Fuchsia	47
Gaillardia	48
Gazania	48
Genista Andreana	48
Gentiana	48
Gerardia	48
Gerbera Jamesoni	30, 48
Gesnera	48
Geum Coccineum	48
Gilia	48
Gladioli	48
Globe Amaranth	48
Gloxinia	49
Gnaphalium	49

FLOWER SEEDS.

	PAGE.
Godetia	49
Gourds	71
Grasses	26, 49, 70
Gypsophila	49
Helenium Hoopesii	49
Helianthus	49
Heliotrope	30, 49
Helipterum Sandfordi	49
Helychrysum	49
Heuchera	49
Hibiscus	49
Hollyhock	50
Honesty	50
Humea Elegans	50
Humulus	71
Hunnemannia	50
Ice Plant	50
Impatiens	50
Incarvillea	50
Ipomœa	71, 72
Ipomopsis	50
Kaulfussia	50
Kennedya	50
Kochia Trichopila	50
Larkspur	50
Lathyrus	50
Lavatera	50
Layia	50
Leptosiphon	51
Leptosyne	51
Limnanthes	51
Linaria	31, 51
Linum	51
Lisianthus	51
Lobelia	52
Lophospermum	72
Lotus Peliorhynchus	51
Lupins	52
Lychnis	51
Mandevillea	72
Marigold	52
Martynia	52
Marvel of Peru	52
Mathiola	53
Maurandia	30, 72
Medeola	72
Melianthus Major	52

FLOWER SEEDS.

	PAGE.
Mesembryanthemum	52
Michauxia	53
Mignonette	53
Mimulus	53
Mina Lobata	72
Mormordica	72
Musk	53
Nasturtium	54
Nemesia	30, 54
Nemophila	53
Nicotiana	53
Nierembergia	54
Nigella	55
Nolana	55
Novelties	27-35
Œnothera	55
Oxalis	55
Pæony	55
Pansies	32, 56
Passion Fruit Vine	72
Pea, Everlasting	55
Pelargonium	57
Pentstemon	31, 58
Petunias	32, 57
Phacelia Campanularia	58
Phaseolus	72
Phlox Drummondi	31, 58
Physalis	58
Physianthus	72
Picotee	58
Platycodon	58
Poinciana	58
Polyanthus	58
Poppies	59
Portulaca	60
Pot or Cape Marigold	52
Primrose	61
Primula	60
Pyrethrum	61
Ranunculus	61
Rehmannia Angulata	61
Rhodanthe	61
Ricinus	61
Rocket, Sweet	61
Rosa Polyantha	61
Rudbeckia	61
Saintpaulia	62
Salpiglossis	62
Salvia	32, 62
Sanvitalia	62
Saponaria	62

FLOWER SEEDS.

	PAGE.
Saxifraga Huetiana	63
Scabiosa	63
Schizanthus	63
Shasta Daisy	62
Sinningia Regina	62
Solanum	72
Stachys Coccinea	63
Statice	63
Stocks	64, 65
Stokesia	65
Streptocarpus	63
Sunflower	65
Sutherlandia	65
Swainsonia	65
Sweet Peas	33, 34, 35
Do.	66, 67, 68
Sweet Sultan	65
Sweet William	65
Tacsonia	72
Thunbergia	72
Torenia	65
Tropœolum	72
Verbascum	69
Verbena	69
Vinca Rosea	69
Vines & Creepers	71, 72
Viola Cornuta	69
Violets	69
Virginian Creeper	71
Virginian Stock	69
Viscaria Oculata	69
Waitzia Aurea	70
Wallflower	69
Whitlavia Grandiflora	70
Xeranthemum	70
Zea Japonica	70
Zinnia Elegans	32, 70

BULBS.

	PAGE.
Begonias, Tuberous	78
Cyclamens	78
Dahlia, Cactus	80
Gloxinias	78
Narcissus and other Spring Flowering Bulbs, write for Bulb Catalogue.	

PLANTS and TREES.

	PAGE.
Cannas	78
Carnations and Picotees	80
Chrysanthemums	80
Dahlias	80
Flowering Seedlings	79
Fruit Trees—Catalogue	3
Roses	79

IMPLEMENTS, TOOLS, Etc.

See pages 81, 82, 83.	
Cream Separators	77

MISCELLANEOUS.

Bird Seeds	75
Cabbage Fly and Caterpillar	8
Cabbages Running to Seed	8
Hedge and Shelter Tree Seeds	74
Insecticides and Fungicides	83
Introductory	1-4
Labour-saving Tools	81
Lawn Grasses	73
Lawn Mowers	73
Manures, in Farm Catalogue.	
Spray Pumps	81
Spraying Materials	83
Sundries, Gardening	82, 83
Yates' Gardening Guide	3, 4

AGRICULTURAL AND ROOT SEEDS.

See page 76.

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